

Winter 1988

# Rollins College Catalog Winter Term 1988

Rollins College

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# ROLLINS COLLEGE



W I N T E R      T E R M      1 9 8 8







## THE ROLLINS COLLEGE WINTER TERM

Scholarly inquiry, creativity, experimentation, exploration — all are fostered by the lively winter term curriculum of Rollins College. January offers faculty and students the opportunity to devote their energies to a single course or project.

Students may choose:

- to delve into subjects they've never tried before
- to dance, act, or play an instrument for the first time
- to sharpen research skills in the library or the laboratory
- to explore unusual topics and unconventional ways of learning
- to put theory into practice through internships
- to undertake senior projects in preparation for graduate study
- to take courses involving travel to foreign countries or other regions of the United States
- to exchange places with students from other colleges and universities
- to study with visiting professors from universities abroad or from other American institutions.

Adding to the vitality of the winter term are extracurricular activities including plays, films, concerts, special lectures and sporting events.

In the center of the academic year, the winter term is an essential part of the Rollins educational experience.



## THE ROLLINS COLLEGE WINTER TERM

Scholarship students, especially, experimental education - all are invited by the Rollins College faculty to take the opportunity to share their energies in a single course or project.

Students may choose:

to delve into subjects they have not tried before

to learn, act, or play an instrument for the first time

to sharpen research skills in the library or the laboratory

to explore unusual topics and unconventional ways of learning

to put theory into practice through workshops

to undertake senior projects in preparation for graduate study

to take courses involving travel to foreign countries or other regions of the United States

to exchange ideas with scholars from other colleges and universities

to study with visiting professors from other schools or from other countries

institutions

Added to the variety of the winter term are numerous other activities including plays, films, concerts, sports, lectures and sporting events.

In the center of the Rollins campus, the winter term is an essential part of the Rollins educational experience.



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# SCHEDULE OF CLASSES

## Winter 1988

DEPT	CAT-NO	SECT	TITLE	AREA	CRD	DAYS	TIME	INSTRUCTOR	PREREQUISITES
<b>ANTHROPOLOGY</b>									
AN	471W	01	HUMAN ANCESTORS, ARCH RECORD		1.00	MTWTh	09:30-11:30A	LAUER, HARRIS	ONE AN OR B COURSE
AN-A	374W	01	ART, CULT INDIANS AMER SOUTHWST	C	1.00	MTW	01:30-04:00P	LIBERTUS, RON	
AN-LC	254W	01	FLA. INDIANS & THEIR NEIGHBORS	C	1.00	MTWTh	01:30-03:30P	STEWART, MARILYN	
<b>ART</b>									
A	291W	01	AMERICAN FOLK ART		1.00	MTWTh	01:00-03:00P	HALLAM, HALLIE	
A	295W	01	AMER DREAM AND AMERICAN ARTS		1.00	MTWThF	08:30-11:30A	LEMON, ROBERT	
A	296W	01	INSTANT IMAGE, POLAROID PHOTO		1.00	MTWTh	10:00-12:00A	LARNED, RONALD	
A	350W	01	ILLUSTRATING CHILDREN'S LIT		1.00	MTWThF	10:00-01:00A	PETERSON, THOMAS	JUNIOR OR SENIOR ART MAJOR
A-AN	374W	01	ART, CULT INDIANS AMER SOUTHWST	C	1.00	MTW	01:30-04:00P	LIBERTUS, RON	SEE COURSE DESCRIPTION UNDER ANTHROPOLOGY
<b>BIOLOGY</b>									
B	110W	01	LIFE ON EARTH	O	1.00	MTWTh	09:30-11:30A	RICHARD, DAVID	CONSENT
B	122W	01	GENETICS AND SOCIETY	V	1.00	MTWTh	10:00-12:00A	COLEMAN, PERSIS	
B	162W	01	INTRODUCTION TO EVOLUTION	O	1.00	MTThF	09:30-11:30A	SCHEER, EDWARD	NON-MAJOR STATUS
B	174W	01	BIOLOGY AND SOCIETY	O	1.00	MWF	11:00-01:00A	GREGORY, EILEEN	
B	180W	01	INTRO MAMMALIAN PHYSIOLOGY	O	1.00	MTThF	09:00-11:30A	SMALL, JAMES	
B	380W	01	MAMMALIAN DEVELOPMENTAL BIOL		1.00	MTWThF TTh	09:30-12:00A 01:00-02:30P	KLEMANN, STEPHEN	
<b>BUSINESS STUDIES</b>									
BA	341W	01	BASIC INVESTMENTS AND TAXATION	O	1.00	MTWTh	09:00-11:15A	WEST, BILL	JUNIOR STATUS AND CONSENT. BUSINESS MINORS WILL NOT RECEIVE CREDIT FOR THIS COURSE.
BA	372W	01	CRISIS MANAGEMENT		1.00	MTTh	01:00-03:30P	ROGERS, DONALD	
BA	392W	01	CONCEPTS OF ACCOUNTING		1.00	MWF	09:00-12:00A	MC CALL, JOHN	JUNIOR STATUS. NO CREDIT GIVEN IF THE STUDENT HAS HAD BA 225.
BA	393W	01	SOCIAL RESPON: BUS PERSPECTIVE		1.00	MWF	09:00-12:00A	HEPBURN, WILLIAM	JUNIORS AND SENIORS, BUSI- NESS STUDENTS PREFERRED.
<b>CHEMISTRY</b>									
C	110W	01	CHEMISTRY AND THE ENVIRONMENT		1.00	MTWTh	08:30-11:00A	ENG-WILMOT, LAWRENCE	DOES NOT FULFILL ANY COURSE WORK FOR THE ES MAJOR/MINOR
C	230W	01	CHEMISTRY OF NATURAL PRODUCTS		1.00	MWF	10:00-12:00A	BLOSSEY, ERICH	C 220 OR CONSENT
C	232W	01	NON-TECH INTRO: PHIL OF SCIENCE		1.00	MTWF T	10:00-12:00A 01:00-03:00P	BERNAL, PEDRO	
C-CS	140W	01	FORTTRAN IN PHYSICAL SCIENCES		1.00	MTWThF	01:00-03:00P	KING, TZENG VEN	



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## Winter 1988



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### COMPUTER SCIENCE

CS	160	01	INTRO TO COMPUTING FOR SCIENCE		1.00	MTThF	08:30-11:00A	BOWERS, JOHN	M 110 OR 111. PRIMARILY FOR SCIENCE & MATH MAJORS. STUDENTS WHO HAVE COMPLETED CS 150 DO NOT RECEIVE CREDIT.
CS	275W	01	PROLOG		1.00	MTWThF	09:00-11:00A	PRZYGOCKI, TONY	CS 261 OR CONSENT
CS-C	140W	01	FORTRAN IN PHYSICAL SCIENCES		1.00	MTWThF	01:00-03:00P	KING, TZENG VEN	

### ECONOMICS

EC	341W	01	THEORY TAXATION, TAX REFORM		1.00	MTThF	10:00-12:00A	STEEN, ROBERT	EC 212
EC	343W	01	U.S. - JAPAN TRADE RELATIONS		1.00	MTWTh	09:30-12:00A	KARAM, TONY	EC 212 AND EC 211
EC	359W	01	ENERGY AND ECONOMICS		1.00	MTThF	01:30-03:30P	TAYLOR, KENNA	EC 212, EC 211
EC	363W	01	CAPITALISM AND DEMOCRACY		1.00	MTTh	01:30-03:30P	SCHUTZ, ERIC	EC 212 AND CONSENT, EC 211
EC	367W	01	ECONOMICS EUROPEAN INTEGRATION		1.00	*	TBA	JACOBSON, DAVID	EC 212, EC 211
EC	429W	01	GENERATIONAL EQUITY: MEDICARE		1.00	MTWTh	09:30-12:00A	HALES, WAYNE	JUNIOR-SENIOR ECONOMICS MAJOR OR CONSENT

### EDUCATION

ED	280W	01	HIGH SCHOOL SPORTS; CONTEMPORARY ISSUES		4 Days		10:00-12:00A	COTANCHE, LARRY	
ED	291W	01	DIRECTED OBSERVATION AND FIELD EXPERIENCE		Per Week				
					M, JAN. 4		09:00A	DETURE, LINDA	

### ENGLISH

E	235W	01	THEMES IN MYTHOLOGY	C	1.00	MWF	09:00-11:00A	PHELAN, STEVE	
E	247W	01	LITERATURE OF SOUTH AFRICA	C	1.00	MTWThF	09:00-11:30A	KOZA, KIMBERLY	
E	280W	01	VERSE CRAFT		1.00	MTWThF	10:00-12:00A	NORDSTROM, ALAN	ENJOYMENT OF WORDPLAY E 150 OR CONSENT
E	355W	01	KEATS: ALL YE NEED TO KNOW		1.00	MTThF	09:30-11:00A	STARLING, ROY	ONE LITERATURE COURSE
E	381W	01	EMILY DICKINSON		1.00	MTWThF	09:00-12:00A	CARSON, BARBARA	ONE OR MORE LITERATURE COURSES REQUIRED.
E	386W	01	FICT WRITING: SEARCH TRIGGERS		1.00	*	TBA	CASTANEDA, OMAR	EXPERIENCE WITH FICTION WRITING RECOMMENDED.
E-WS	374W	01	FEMINIST DRAMA	V	1.00	MTWTh	06:30-09:00P	CURB, ROSEMARY	

### ENVIRONMENTAL STUDIES

ES	273W	01	IMAGES ENVIRON SEEN THRU FILM		1.00	MF	09:30-12:00A	ALLEN, BARRY	CONSENT
ES	358W	01	THE VERY VENEREAL VIRUS: AIDS		1.00	TWTh	01:00-04:00P	SIRY, JOSEPH	CONSENT
ES	150W/250W		FLORIDA'S NATURAL ENVIRONMENT - REFER TO OFF-CAMPUS SECTION						
ES	489X	01	ENVIRONMENTAL PLANNING			TWTh	06:00-08:40P	REED, FRANK	1 COURSE IN ENVIRONMENTAL STUDIES



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## Winter 1988

DEPT	CAT-NO	SECT	TITLE	AREA	CRD	DAYS	TIME	INSTRUCTOR	PREREQUISITES
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### FOREIGN LANGUAGE

CL-PY	334W	01	ART, SCIENCE: GUIDE HUMAN NATURE		1.00	MTWTh	10:00-12:00A	HEATH; THOMPSON	CONSENT
FR	225W	01	FRENCH COMIC PROSE TRANSLATION		1.00	MWF	01:00-03:30P	RIVERS, KEN	TAUGHT IN ENGLISH
GN	122W	01	LITERATURE, SOCIETY IN THE GDR		1.00	MWF	01:00-03:00P	DECKER, NANCY	TAUGHT IN ENGLISH
PT	123W	01	IMAGES BRAZIL IN LIT AND FILM	C	1.00	MTWTh	09:00-12:00A	KERR, ROY	TAUGHT IN ENGLISH
RN	261W	01	PETER THE GREAT: MAN & LEGEND	C	1.00	MTW	09:00-12:00A	BOGUSLAWSKI, ALEXAND	TAUGHT IN ENGLISH
SH	123W	01	SPAIN IN THE MOVIES		1.00	MTWTh	09:00-12:00A	BORSOI, EDWARD	TAUGHT IN ENGLISH
SH	344W	01	SPEAKING SPANISH		1.00	MTWThF	09:00-12:00A	LOPEZ-CRIADO, FELIX	SH 202

### HISTORY

H	170W	01	AUTOBIO: THE HISTORICAL SELF		1.00	MTWTh	08:30-11:00A	LANE, JACK	
H	235W	01	SECULAR HUMANISM AMER CULTURE		1.00	MTWTh	01:00-03:00P	CROCE, PAUL	
H	356W	01	READINGS IN AMERICAN HISTORY		1.00	MTWThF	09:30-12:00A	WILLIAMS, GARY	CONSENT
H	370W	01	RUSSIAN REV IN MEMOIR HISTORY		1.00	MTWThF	10:00-12:00A	EDMONDSON, CHARLES	CONSENT

### INTERDISCIPLINARY

IC	280X		GREAT DECISIONS 1988			MWTh	07:30-10:00A	KYPRAIOS; VALDES	
IC	202W	01	THE PSYCHOLOGY OF COMPETITION		1.00	MTWThF	10:00-12:00A	HOWELL; CHANDLER	PREVIOUS OR CURRENT INVOLVEMENT IN A COMPETITIVE ACTIVITY. (THIS COURSE DOES NOT COUNT AS AN ELECTIVE IN PSYCHOLOGY).
IC	240W	01	GREAT TRIALS OF THE CENTURY	V	1.00	MW	02:30-05:00P	NEWMAN, MARVIN	AT LEAST ONE COURSE IN SOCIOLOGY OR POLITICS OF HISTORY

### LATIN AMERICAN AND CARIBBEAN STUDIES

LC/PO	217/317W	01	LATIN AMERICA AND THE U.S. IN WORLD POLITICS		1.00	TWTh	09:30-12:00A	FEDERICO, GIL	AT LEAST ONE COURSE IN LATIN AMERICAN OR CARIBBEAN STUDIES, OR ONE COURSE IN POLITICAL SCIENCE, OR CONSENT.
LACA	206W	01	HISTORY OF THE CARIBBEAN	C	1.00	MTWTh	03:30-05:30P	FERNANDEZ, JOSE	
LACA	307W	01	CARIBBEAN SOCIO-POL THOT	C	1.00	MTWThF	02:00-04:00P	SUAREZ-GALBAN	COURSE IS TAUGHT IN ENGLISH
LC/AN	254W	01	FLORIDA INDIANS AND THEIR NEIGHBORS		1.00	MTWTh	01:30-03:30P	STEWART, MARILYN	IN LATIN AMERICAN OR CARIBBEAN STUDIES, OR ONE COURSE IN POLITICAL SCIENCE, OR CONSENT.



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## Winter 1988



DEPT	CAT-NO	SECT	TITLE	AREA	CRD DAYS	TIME	INSTRUCTOR	PREREQUISITES
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### MATHEMATICAL SCIENCES

M	107W	01	APPLIED MATHEMATICS		1.00 MTWThF	09:00-12:00A	UNDERDOWN, KATHRYN	
M	108W	01	MANAGEABLE MAGICAL MODERN MATH	M	1.00 MTWTh	09:00-11:30A	SKIDMORE, ALEXANDRA	
M	180W	01	INFINITY, FACT OR FICTION		1.00 TWTh	01:00-03:00P	MANEER, WILLIAM	
M	196W	01	LINEAR PROGRAMMING	M	1.00 MTWThF	09:00-11:30A	NALEWAY, RALPH	
M	323W	01	GRAPH THEORY		1.00 MTThF	01:00-03:00P	SHERSHIN, CARMEN	M 205 (DISCRETE MATHEMATICS)
M	330W	01	TRANSFORMATION GEOMETRY		1.00 MTWTh	08:30-11:00A	WAHAB, JAMES	M 110, M 111, OR M 113 AND CONSENT

### MUSIC

MU	177W	01	THE MUSIC OF BLACK AMERICANS	C	1.00 TTh	01:30-04:00P	GALLO, WILLIAM	CONSENT
MU	277W	01	THE MUSIC OF BLACK AMERICANS		1.00 TTh	01:30-04:00P	GALLO, WILLIAM	CONSENT

### PHILOSOPHY

PH	195W	01	HUMAN POTENTIALS: THEORY, EXPER		1.00 MTWTh	09:00-12:00A	EDGE, HOYT	CONSENT
PH	217W	01	MARTIN LUTHER KING	V	1.00 MWF	11:00-01:00A	COOK, THOMAS	

### PHYSICS

P	108W	01	NUCLEAR POWER, ARMS, AND WAR	P	1.00 MTThF	09:30-12:00A	CARSON, ROBERT	SIMPLE HIGH SCHOOL MATHEMATICS
P	118W	01	LIGHT AND SIGHT	O/P	1.00 MTWThF	01:00-03:00P	POLLEY, J. PATRICK	
P	193W	01	MODERN COSMOLOGY	P	1.00 MTWThF	10:00-12:00A	ROSS, JOHN	

### POLITICS

PO	223W	01	OF WOMAN BORN: REPROD MOTHERHD		1.00 MTWTh	10:00-12:00A	GREYSON, LAURA	SEE PO 323W
PO	247W	01	THE U.S. PRESIDENTIAL ELECTION	S	1.00 MTWTh	01:00-03:00P	FOGLESONG, RICHARD	
PO	323W	01	OF WOMAN BORN: REPROD MOTHERHD		1.00 MTWTh	10:00-12:00A	GREYSON, LAURA	300-LEVEL REQUIRES AN ADDITIONAL ESSAY
PO	393W	01	THE VIETNAM WAR	S	1.00 MTWTh	09:00-12:00A	LAIRSON, THOMAS	
PO-LC	217W	01	LATIN AMERICA, U.S. WORLD POL		1.00 TWTh	09:30-12:00A	GIL, FEDERICO	AT LEAST ONE COURSE IN LATIN AMERICAN OR CARIBBEAN STUDIES, OR ONE COURSE IN POLITICAL SCIENCE, OR CONSENT.

### PSYCHOLOGY

PY	231W	01	PSYCHOPATHOLOGY THROUGH LIT		1.00 MWF	01:00-03:00P	UPSON, JAMES	
PY	237W	01	HANGING LOOSE IN UPTIGHT WORLD		1.00 MWF	09:00-11:00A	FARKASH, MARTIN	
PY-WS	320W	01	WOMEN: PSYCHOLOGY'S CHALLENGE		1.00 MTWTh	09:30-12:00A	RUIZ, MARIA	PY 101
PY-CL	334W	01	ART, SCIENCE: GUIDE HUMAN NATURE		1.00 MTWTh	10:00-12:00A	HEATH, THOMPSON	CONSENT



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## Winter 1988

DEPT	CAT-NO	SECT	TITLE	AREA	CRD	DAYS	TIME	INSTRUCTOR	PREREQUISITES
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### RELIGIOUS STUDIES

R	120W	01	RELIGION AND THE ARTS			1.00	MTWTh	02:00-04:30P	WETTSTEIN, ARNOLD
R	221W	01	MODJEW: AMER/EUR/ISRAELI CINE	C		1.00	TTh	09:00-12:00A	GREENBERG, YUDIT

### SOCIOLOGY

SO	205W	01	OBSERVATION LEGAL ADMINIS			1.00	MTWTh TTh	01:30-03:30P 09:00-12:00P	JONES, ARTHUR	TRANSPORTATION IS HELPFUL
SO	221W	01	PERSP ON NORTHERN IRELAND PROB			1.00	*	TBA	BELL, DESMOND	
SO	296W	01	NAZI GERMANY & THE HOLOCAUST			1.00	MTTh MTTh	10:00-12:00A 01:00-03:00P	WEISS, JOHN	
SO	326W	01	THE SOCIOLOGY OF KURT VONNEGUT			1.00	MTWTh	01:00-04:00P	VAN SICKLE, LARRY	

### THEATER, DANCE AND COMMUNICATION

D	292W	01	INTER BALLET & CHOREOGRAPHY				MTWTh	02:00-04:30P	MESAVAGE, RUTH	BALLET I (D 170) OR CONSENT
TA	159W	01	THEATRE PRACTICE			1.00	MTWThF	09:30-12:30A	MENDEZ, TONY	CONSENT
TA	220W	01	HISTORY BROADWAY MUSICAL			1.00	MTWTh	12:00-02:00P	SHERRY, RODGERS	
TA	263W	01	ELEMENTS OF FILM PRODUCTION			1.00	MTWTh	10:00-12:00A	JUERGENS, ROBERT	

### WOMEN'S STUDIES

WS-E	374W	01	FEMINIST DRAMA	V		1.00	MTWTh	06:30-09:00P	CURB, ROSEMARY	
WS-PY	320W	01	WOMEN: PSYCHOLOGY'S CHALLENGE			1.00	MTWTh	09:30-12:00A	RUIZ, MARIA R.	PY101



## VISITING FACULTY

Each January Rollins attracts outstanding scholars as guest faculty, affording students the opportunity to study with professors from distant places without leaving campus. Among our distinguished guests are instructors from countries which host Rollins programs abroad. Their presence enriches the winter term curriculum and encourages student interest in international studies.

**DESMOND BELL**, B.A. (Hons), Ph.D., University of Warwick. Professor Bell is a Lecturer in Sociology at the National Institute for Higher Education in Dublin. His research interests include sociology of the family, youth culture, and philosophy of social science. As a member of the Rollins Fall Term in Dublin faculty, Dr. Bell teaches a course on perspectives of the problem in Northern Ireland.

**FEDERICO GUILLERMO GIL**, B.A., Instituto de La Habana; J.D., D.Soc.Sc., University of Havana. Dr. Gil, Kenan Professor Emeritus of Political Sciences at the University of North Carolina, has won international recognition for his teaching and scholarship in the field of Latin American Studies. He directs the Institute of Latin American Studies at U.N.C. and is a Research Professor at the U.N.C. Institute for Research in Social Science. Dr. Gil is editor of the *Latin American Politics Series* published by Allyn and Bacon, Inc., serves on the editorial boards of several journals and is the author of numerous books and monographs. This winter term will be his fourth at Rollins.

**J.W.K. HARRIS**, B.A., M.A. and Ph.D., University of California at Berkeley, Diana Blabon-Holt Visiting Professor of Anthropology for 1988. Over the past twenty years Dr. Harris has participated in archaeological and paleoanthropological field research in African sites and on other continents. He is the author of numerous articles, papers and reports, and his professional interests include African prehistory, lithic analysis, land-use patterns of early hominids, and antiquity of fire and implications for human evolution.

**NICHOLAS HELLMUTH**, A.B., Harvard University; M.A., Brown University; PhD (Art History), Karl-Franzens-Universitat. Dr. Helmuth will teach a course entitled "Nature and Myth in Pre-Hispanic Art and Religion" — Ethno-botany and ethno-zoology (non-western classification of flora and fauna relative to native Latin American belief systems, especially of Yucatan and Chiapas), subsistence anxiety and nature worship; demons, dragons, anthropomorphism, deities, pantheons of various ancient religions, nagualism, tonalism, and totemism.

**PHILIP JOHNSTON**, M.A., Cambridge; B.Litt, Oxford; Fellow, Royal Society of Arts. Gertrude Cole Scholar for 1988. Mr. Johnson will be giving a series of papers on the religious significance of early Protestant thinkers in England and how the Church of England was fashioned by them.

**JOYCE McLEOD**, B.A., University of Central Florida; M.Ed. and Ed.S., Rollins College. A teacher at Eastbrook Elementary School, Joyce McLeod also conducts in-service workshops for the Seminole County School System and serves as a freelance textbook editor for such publishers as Harcourt, Brace and Jovanovich. Her research interests are critical thinking skills and the correlation between reading ability and creative writing. In 1985 she was named Outstanding Graduate Student of the Rollins Graduate Programs in Education and Human Development.

**MARK MACLEOD**, B.A. (Hons), M.A. (Hons) Macquarie University, N.S.W., Australia. Mr. Macleod is a Lecturer in English and Linguistics at Macquarie University and also a literature and drama critic for *The Sydney Morning Herald*. He teaches a course in 20th-century Australian literature to the students of the Rollins Fall Term in Sydney.

**EUGENIO SUAREZ-GALBAN GUERRA**, B.A., Boston College; M.A., New York University (Madrid); Ph.D., New York University. From 1964 to 1976, Dr. Suarez-Galban Guerra, a native of Spain, taught in the United States, first at New York University and then at Mt. Holyoke. Since returning to Madrid, he has taught in programs sponsored by Hamilton College, Syracuse University, Saint Louis University and Rollins. A prize-winning novelist, Professor Suarez-Galban Guerra is also an internationally recognized expert on Caribbean and Latin American literature. This is his third winter term as visiting professor at Rollins.

## GENERAL INFORMATION

### Course Credits

#### General Education Requirements

Courses which satisfy the general education requirements are designated by the appropriate letters within the course listing and course descriptions. The only general education requirements that can be satisfied during the winter term are Mathematical Methods, designated by the letter "M"; Knowledge of Other Cultures, designated by the letter "C"; Decision Making and Valuation, designated by the letter "V"; Knowledge of American Society, designated by the letter "S"; Knowledge of the Organic World, designated by the letter "O"; and Knowledge of the Physical World, designated by the letter "P".



### **Courses on Campus**

Students receive letter grades in winter term courses unless they elect to take a course Credit/No Credit or unless evaluation on the basis of Credit/No Credit is specified by the instructor in the course description.

A winter term course taken Credit/No Credit is not counted among the four courses which students may take Credit/No Credit in the regular curriculum, but it must be taken as an elective.

### **Off-Campus Studies**

Instructors may offer Off-Campus Studies on a Credit/No Credit basis or a letter-graded basis subject to the approval of the Special Programs Committee.

### **Independent Studies**

Students undertaking tutorials and research projects on campus usually receive letter grades. Off-campus independent studies and internships are evaluated on a Credit/No Credit basis unless approved by the Curriculum Committee for a letter grade. It is recommended that internships carry no more than one course unit credit.

### **Credit/No Credit Policy**

Students must notify the Registrar's Office in writing, no later than one week after the beginning of the winter term, that they wish to take a course on a credit basis rather than for a grade. Courses in the major field, except internships, and courses used to fulfill general education requirements may not be taken on a credit basis. No more than one course per term may be so designated, and a maximum of four such courses may count for graduation. A winter term course taken on a credit basis is not counted toward the four credit courses which may be taken in the fall and spring terms; however, it must be an elective or an internship. A student may not subsequently receive a grade for a course elected to be taken on a credit basis. Students who earn a C- or better in a course taken for credit receive a mark of CR and the appropriate number of course units. Students earning less than a C- receive a mark of NC. In either case the grade point average is not affected.

### **Registration Procedure**

Specific Winter Term offerings for January 1988 are listed in the following pages according to departments. A combined winter and spring term registration will be held October 26-30. Students may drop and/or add classes for winter and spring terms in January. Students are expected to devote a minimum of 40 hours per week to their academic work, so no student may register for more than one course or independent study project during the winter term.

## **INDEPENDENT STUDIES**

Independent Studies are a means of adding new dimension to the curriculum and of encouraging intellectual curiosity, initiative, and sustained effort. Independent Studies are classified as tutorials, research projects or internships.

### **Tutorial**

Working under the close supervision of a faculty member, students read primary and secondary material and/or work in a laboratory or studio setting. Evaluation is usually based on a paper or an examination or both. A tutorial cannot normally duplicate a course that is regularly offered. The student must meet with the instructor a minimum of one hour per week (three hours per week in a Winter Term). Normally, sophomore status is required.

### **Research Project**

To qualify, a student must already have acquired the knowledge and skills necessary to do the research. This implies that the research is in the major or a closely allied field and that the student has achieved junior or senior status. Such projects usually involve original research with primary materials or original work in the laboratory or studio.

### **Approval of Independent Study**

The purpose of the approval process is to ensure that independent studies are compatible with the philosophy and nature of the entire curriculum and to give students adequate time to formulate a well-defined study by the end of the term preceding the one in which it is to be carried out.

Preliminary proposals for independent study must be submitted for approval to the departments at pre-registration. Upon approval by the majority of the members of the department, they are submitted to the Curriculum Committee through the Dean of the Faculty to ensure final action prior to the last week of the term.


### **Evaluation of Independent Study**

Students receive letter grades for tutorials and research projects unless they request grading on a credit basis. Internships, even in the major, are graded credit-no credit unless approved by the Curriculum Committee for a letter grade.

## **INTERNSHIP**

An internship is a planned, supervised experiential education course project integrating study and practical work that is undertaken for the specific purpose of acquiring and applying knowledge through direct experience in a field related to the student's academic program. The intent of the internship is to integrate on-site learning and work with the theory of a related






discipline. This contrasts with independent study/research which focuses on "academic study" of a subject rather than direct experience in a field. To qualify, a student must have completed whatever courses are deemed necessary as preparation for the internship. A contract must be drawn up by the instructor, the student and the sponsoring organization, and should include 30 to 40 hours of student work per week with the organization and be graded on a credit basis.

To help assure that the internship is credit-worthy, students are encouraged to work out an educational project plan well in advance of the actual internship and to give careful thought to early selection of the on-site field supervisor and faculty supervisor. It is especially important that systematic and regular reporting be done by the student to both the field and faculty supervisors.

Information of possible internship sites and other assistance in development of the internship can be secured from the Career Center and the Registrar.

Students planning internships must be aware of the following dates for completion of various stages of their internship program:

1. October 30 is the last day to submit a complete form for an off-campus internship. All work for the internship, including written work to the on-site supervisor, must be completed by the last day of Winter Term.



2. Internship students should inform their on-site field supervisor that his/her evaluation of the student must be submitted to the Rollins faculty within one week after the completion of the Winter Term.


### **WINTER TERM EXCHANGE**

During winter term it is possible for Rollins students to arrange one-for-one exchanges with students from other colleges and universities. Students simply agree to exchange places, each one paying the cost of tuition, room and board at his or her own institution. Once an exchange has been agreed upon, students must notify the Dean of the College and the Registrar of their plans.

To facilitate exchanges, a list of students interested in spending winter term at Rollins is kept on file in the Office of the Dean of the Faculty. Rollins students who wish to explore exchange opportunities should contact the Dean of the Faculty for more information.

### **WINTER TERM OFF-CAMPUS**

Rollins conducts an extensive program of Winter Term courses off campus.



Although travel is an attractive feature of off-campus studies, the experience involves much more than sightseeing. Various academic requirements must be met, such as preliminary reading and preparation for on-site seminars.

**Early Registration** for off-campus courses is set for October 12-20. Students interested in any of these offerings should contact the instructor and discuss the academic goals, itinerary, and cost of the program. To register, students should pick up a card from the instructor and turn it in at the Registrar's Office. In the event that an off-campus course cannot be conducted, registered students will be notified.

**Academic Status:** Applicants should be in good standing with the college.

### **Engineering Course at Washington University in St. Louis**

Through a cooperative agreement with the School of Engineering and Applied Science at Washington University in St. Louis, Missouri, pre-engineering students at Rollins College have the opportunity to enroll in two-week intensive engineering courses on the Washington University campus. These courses are specifically designed for pre-engineering students attending colleges that participate in 3-2 agreements with Washington University. They allow students to explore and confirm interests in engineering and to sample the various engineering curricula. They also provide students and faculty the opportunity to verify the student's ability in engineering and applied sciences. Rollins will accept these three-semester-hour courses as equivalent to one Rollins Winter Term course. In addition, the student will earn credit which will make the completion of a degree in engineering at one of the 3-2 cooperative institutions easier. The cost will be for tuition, housing, and meals. The student should also allow for travel expenses and money for incidentals. Students who qualify for this program will receive a refund for that portion of their Rollins tuition which they have paid and a refund for a portion of their board fee. However, since the College must reserve rooms, it is not possible to refund any portion of the Rollins housing charge. Washington University at St. Louis will provide to deserving students a two-thirds tuition remission upon the recommendation of the Rollins Coordinator.

The five courses listed below will be offered for the January term. Each course will involve three hours of lectures, six days per week, and an independent study or laboratory each day. The student may take only one course during the January term.

#### **INTRODUCTION TO CHEMICAL ENGINEERING ENGINEERING APPLIED TO BIOMEDICAL PROBLEMS ENGINEERING AND PUBLIC POLICY ENGINEERING MECHANICS I INTRODUCTION TO SYSTEMS SCIENCE AND MATHEMATICS I**

For detailed information on this program and application forms, students should see Dr. Robert Carson, Coordinator of the 3-2 Engineering Program. DEADLINE FOR APPLICATION IS NOVEMBER 15, 1987.



**Winter Term Courses Off Campus: Continental U.S.**

Rollins students interested in a domestic off-campus course should contact the instructor prior to October 20 to receive approval to take the course.

**ES 150/250W** Florida's Natural Environments: Natural History (V)

**Prerequisite:** A rugged spirit!

While the population of Florida has doubled in your lifetime, natural environments have been subjected to human activities at an unprecedented rate. Nevertheless, some of Florida's natural environments are still in a fairly pristine condition, and this course is designed to explore them. We will work together to understand the diversity of living forms, the activities of functioning ecosystems, and the value of natural environments to us individually and as a society.

The premise of the instruction in this course is that understanding is derived from both knowledge of nature and an appreciation of its personal value. Furthermore, such knowledge and appreciation comes through direct, intimate experience. Thus, much of the course will be spent in the field.

Ten days of the course will involve an Outward Bound wilderness program including a canoe excursion and solo trip in the cypress swamps and coastal waters of the Everglades with a goal of developing self-reliance and self-confidence in the natural world. Other one-day and multi-day trips will be taken to pine forests, wetlands, hardwood forests, and coast areas of the state. Field study will include personal investigations, observations and field lectures. Written work will include essays and journals. The journals will be assessed according to, in part, the observations of the natural environment; diversity of topics; recurrence of topics in different entries; reference to readings when relevant; and quantity. Entries should be "personal," (involving discussions of self-development, self-realization, etc.) and "objective" (about the physical surroundings).

**Evaluation:** participation in projects, field work, class discussions and Outward Bound activities; daily journal; 3-4 essays on specific topics related to the natural history of Florida.

**Class Meetings:** January 5-10: Rollins (field trips to Wekiva Springs and Merritt Island)  
January 10-19: Everglades  
January 20-24: Rollins  
January 25-28: Ocala National Forest  
January 29-30: Rollins

**Approximate Cost:** \$865 (includes Outward Bound fee, transportation, campground fees, 9 meals)

**Instructor:** Don Mansfield

**TA 260/360W** Broadway Theater and the Humanities: New York City

**Prerequisite:** None. Priority will be given to Theatre, Dance & Communication majors and minors.

This course is designed to provide students with a broad overview of the humanities, with an emphasis on the theater. While in New York City students will participate in a variety of activities related to theatrical and expressive arts including: twelve Broadway productions (plays, musicals, dance concerts), a seminar by a leading drama critic, a visit to the studio of a theatrical scene designer and costumer, plus a series of lecture tours to ten cultural centers in New York City: these include Lincoln Center, the Museum of Natural History, and the Metropolitan Museum of Art.

In addition, daily lectures will be given by the faculty sponsors and other members of the Theater Department.

While admirable innovation and imitation is being done through the United States, New York City is the unanimously accepted cultural center for legitimate theater. *Nowhere* else in the country may one view Broadway and off-Broadway plays, musicals and dance works which are performed and produced by a coalition of artists ALL of whom are of national renown. National tours, regional theater, dinner theater, and college theaters may imitate, adapt, adjust, and try to recreate New York productions, but nowhere in the United States is art of a higher caliber than in New York.

It is generally accepted among theater scholars that plays are written to be *performed* as well as studied. The students' insights and perception will be heightened by viewing theater at its highest quality.

**Evaluation:** a daily journal of all the theatrical and cultural experiences will be kept. A two-page critical review of selected theatrical productions is required. When the students return to Rollins for the final two weeks of the term, 2 exams and 2 quizzes will be given concerning the productions seen in the New York City.

**Class Meetings:** January 4-16: Hotel Edison, New York City  
January 16-29: Rollins

**Approximate Cost:** \$1250 (includes round-trip fare Orlando/New York City, lodging, one meal per day, theater tickets, admissions to cultural centers)

**Instructors:** Charles A. Rodgers and W. Robert Sherry



## Winter Term Courses Abroad

**AN/LC 267W** The Anthropology and Archaeology of the Maya Indians of Mexico, Belize and Guatemala

**Prerequisite:** None

The objective of this course is to introduce the individual student to the anthropology, archaeology, and ethnohistory of the Maya Indians, one of the great civilizations of the New World. By studying the material culture of the Maya, as depicted in its many archaeological sites (or cities), stone work, paintings, etc., it is expected that the student will gain a first-hand knowledge of this magnificent Pre-Columbian civilization. The student will visit anthropological museums, numerous archaeological sites like Uxmal, Edzna, Palenque, Chichen Itza, Coba, Labna, Tulum, Kohunlich, and others in Mexico, as well as of Tikal located deep in the jungles of the Peten in the Republic of Guatemala.

**Evaluation:** Twenty hours of classroom instruction on the Rollins campus culminating in a two-hour examination. While in the field students must attend all the activities included in the schedule, keep a daily journal of anthropological activities, and write a site report.

**Class Meetings:** Week 1: January 4-8, 9:30 - 12:30, Bush Auditorium

Weeks 2,3,4: Field locations in Mexico

**Approximate Cost:** \$950 (includes air fare, lodging, breakfast daily, and lunch while in the field)

**Instructor:** Pedro A. Pequeno

**B 284/384W** Marine Biology (N,O)

**Prerequisite:** B120 or consent

An introductory course in marine biology consisting of directed, field-oriented studies of the systematics, ecology, distributions, and behavior of marine organisms. Emphasis is on the in-field study of living marine forms in their natural habitats. Field activities will be based at the Bellairs Marine Institute of McGill University at St. James, Barbados. The class will collect and identify representative marine organisms, and study their ecology within selected tropical marine ecosystems along shore and offshore at Barbados. These include coral reefs, rocky and sandy intertidal and subtidal, deep water communities, mangrove swamp, and brackish ponds. The first 6-7 days of the course will provide concentrated lecture-lab prep sessions covering basic marine taxonomy and ecology. Objectives are to become familiar with the taxonomy and ecology of tropical marine plankton, nekton, and benthos; to be able to identify representatives encountered in the field, and to describe their ecological relationships. Each student will keep a complete field/laboratory notebook for recording observations and data, submit lists of species identified, contribute to daily seminar sessions following field work, and write a final report summarizing and relating the various ecosystems studied.

**Evaluation:** Grades will be based upon quizzes and practical tests, notebooks, participation in seminars, lab, and field work, and the final summary report.

**Class Meetings:** January 6-14 Bush Science Center; January 14-31 St. James, Barbados

**Approximate Cost:** \$1400 (includes round-trip fare surface transportation, lodging and meals)

**Instructor:** Dave Richard, Bu 212

**BA 363W** Comparative Western Legal Cultures

**Prerequisite:** None

Students will visit major government and legal institutions in the travelling world's favorite city, London, probably the most gregarious, hospitable and international hub of the Western world. There will be visits to Shakespeare country, to the ecclesiastical matrices of civilization in Winchester for a permeation of history harking back to the Knights of the Round Table. The Inns of Court, where English Barristers have been trained for centuries, will be our hosts for some special visits not open to the general public. We shall explore an everchanging landscape, with customs, dialects, ways of life new to you, but as old as the culture of Chaucer and Malory to study their influences in English tradition and law. Then on to Switzerland, the country that has everything. We'll visit and climb by rail its mountains, explore its castles and law courts and the center of the peace conferences in Geneva. We shall explore, by high speed train, this beautiful country of mountains, lakes and snow and we shall note the enormous regional differences and the influences of the Italian Swiss in the South (Lugano), and the French Swiss in the West (Geneva, Lausanne and the Alamannic Swiss), and compare governments, legal structures of this country, England and the United States. We will travel to Leeds Castle on the Orient Express, accompanied by a lecturer and met by another at the Castle itself. A one-day excursion to the Black Forest will give us the opportunity to visit a legal proceeding in Germany, adding another country to our comparative study.

**Evaluation:** 1) Preparation of twelve case briefs (six social issues cases from England and six from Switzerland); 2) Written paper; 3) Comprehensive examination based upon the readings in the three assigned books, lectures and classroom work and discussions conducted on campus and

**Class Meetings:** January 4-6, Rollins

January 6-27, England and Switzerland

**Approximate Cost:** \$1989 (includes round-trip fare, surface transportation, lodging, daily full breakfast, one lunch and three dinners, excursions)

**Instructor:** Marvin E. Newman



**ES 247W Islands in the Stream: Hawaii**

**Prerequisite:** Experience in swimming, hiking (with packs preferred) and snorkeling.

Rising from the ocean floor amidst the blue Pacific is the earth's tallest volcanic mountain chain, the Hawaiian Archipelago. The youngest island in the tropical chain is the largest in area, called Hawaii. This Pacific odyssey will take us to Kauai, Maui, the big island, Lanai, and Oahu to study the evidence of Vulcanism, tropical mangroves, coral reefs and ecological isolation. The Hawaiian chain is the primary focus of this interdisciplinary look at the literature and natural history of our country's most tropic isles.

The delicate reefs, thick mangroves, and fast-disappearing fisheries and wildlife are studied together with expressive literary sources so that students may understand more fully the issues involved in tropical island preservation and conservation. We will depart from Orlando on January 5 and spend two weeks making extensive reconnaissance of the seashores, reefs, tropical rain forests and calderas of the larger and wilder areas of Hawaii. Discussion of the cultural and natural values enhanced by the protection of rare ecosystems is a primary objective of this introduction to island nature study.

**Evaluation:** Students will be evaluated on the basis of a pre-induction quiz, daily journal, sketches and assignments; group work and presentation; attendance, timeliness, and cooperation; final essay (7 pages)

**Class Meetings:** Jan. 5-18 on site; Jan. 18-29 Rollins

**Approximate Cost:** \$2,100 (includes round-trip fare, meals, lodging, land transportation in Hawaii)

**Instructor:** Joe Siry

**ES 264W National Parks, Conservation and Development**

**Prerequisite:** Consent

This course will explore the role of protected areas in sustaining society. This includes the use of national parks as pleasuring grounds, genetic banks, working ecosystems and symbols of our heritage. The course will look most closely at the national park systems of the U.S., Great Britain and Costa Rica. Each of those countries is approaching the management of its parks from a different socio-economic position, and with the need to protect different resources for different reasons.

The course will trace the development of the National Park Ideal in our country, explore the role of national parks in the developing world through field work in Costa Rica, and look at the problems facing national parks, and possible solutions.

**Evaluation:** 20% class participation

20% exam before departure

30% journal of class activities

30% final exam

**Class Meetings:** Weeks 1 & 4: MF 9:30-12, K102

Weeks 2 & 3: Costa Rica

**Approximate Cost:** \$2080 (includes round-trip fare, meals, lodging, surface transportation in Costa Rica)

**Instructor:** Barry Allen

**FL 347W Ancient Spain: The Land of Romance**

**Prerequisite:** Consent

A journey into the past of Spain, its history, culture, geography, arts and multilingual-multiracial people. The course will be taught entirely in English, and is meant to provide a first-hand, lived experience of the cultural roots of modern Spain. The historical periods encompassed are the 9th-14th centuries, and 7 out of the 11 lodging quarters chosen are Roman and medieval castles. Sites to be visited include Madrid, Toledo, Merida, Caceres, Avila and Segovia. The intent of this course is not language acquisition, but a personal experience of the historical past of Spain and its contrast with the twentieth century.

**Evaluation:** 30%: Diary

30% Essays

40% Final Exam

**Class Meetings:** Jan.1-Jan.14: Spain

Jan.16-Jan.21: Rollins

**Approximate Cost:** \$2206. (includes round-trip fare, breakfast and lunch daily, lodging, admissions, transportation in Spain)

**Instructor:** Fidel Lopez-Criado

**IC 242W Nepal**

**Prerequisite:** None

The objective of this course is to introduce students to the religion, economy, biology and geology of Nepal. It is also hoped that the students will gain an appreciation for Nepalese culture and society and insights into the problems of developing nations.

The itinerary includes lectures by Nepalese experts on topics such as Nepalese art, religion, archaeology and agriculture, as well as visits to the Nepalese National Museum, National Art Gallery, Pokhara Ethnic Museum and Godvari Botanical Gardens. Tours will also be taken of a Tibetan Refugee Camp, Dang Valley Development Camp and the Chitwan Wildlife Preserve. Five days will be spent on a trek in the foothills of the Himalayan Mountains.

**Evaluation:** 33%: quiz on preparatory reading. 33%: daily journal kept while in Nepal.

33%: 10-15 page research paper on topic of choice, due two weeks after return.

**Class Meetings:** Jan.2-Jan.30, Nepal

**Approximate Cost:** \$2600. (includes round-trip fare, transportation in Nepal, lodging, most meals)

**Instructors:** Eileen Gregory and Tom Cook



**H/PO 294W** The Political Culture of China: Adapting the Past to the Future

**Prerequisite:** None

The problem of a growing population and dwindling resources is global and germane to all humanity. With its billion people and paucity of resources, China offers students a vivid introduction to this problem. Those who wish to understand China's contemporary problems, aspirations, and policies must also be acquainted with the historical, political, and cultural prism through which the Chinese themselves perceive these matters. This course will afford students the optimum opportunity to develop such an acquaintance in a limited period of time.

While in China students can observe and experience political history and contemporary culture at many levels; they will have the opportunity to meet Chinese from various strata of society.

**Evaluation:** Based on participation in scheduled group activities and two written assignments: 1) a detailed analysis of a specific facet of contemporary or historic China; 2) a daily journal

**Class Meetings:** Dec.30 - Jan.22 in China

**Approximate Cost:** \$2,895. (this includes round-trip fare, lodging, all meals in most cities and breakfast in Hong Kong, all admissions)

**Instructors:** Charles Edmondson and Laura Greyson

**MU 124/224W** Opera in Germany, Austria, and Hungary

**Prerequisite:** None

The focus of the course will be an introduction to opera by attending live performances in some of the best opera houses in Europe. Opera's long and extravagant history is inevitably entwined with the culture in which it matured. Highlighted in this study-tour will be several magnificent productions in the most architecturally elaborate houses of the old Hapsburg empire. Traveling to Munich, Salzburg, Vienna, and Budapest, with excursions to Garmish and the Hungarian countryside, students will tour backstage areas, talk with directors and singers, attend daily lectures by the instructor, and participate in guided tours. Students will return with a clearer knowledge of how opera works, and perhaps with a love for the form as well.

**Evaluation:** Grades will be based on quizzes on the readings prior to the tour, a journal written on the tour and reworked into a paper upon return, and consistency of attendance on group tours.

**Class Meetings:** One week on campus/January 14-28 in Europe

**Approximate Cost:** \$1795 (includes round-trip fare New York/ Munich and Budapest/New York; breakfast and dinner daily; all ground transportation; tickets for all performances; superior tourist hotels with private bath.)

**Instructor:** Edmond LeRoy

**R 324W** Serving in the Third World (C)

**Prerequisite:** None

The course offers work-project experience in rural villages in Jamaica's "other world." Its purpose is to introduce students vividly and unforgettably to the realities of the Third World and offer involvement in effective service. Programs with traditional-educational as well as catalytic-developmental philosophies are included and will be evaluated in terms of meeting long-range needs. In addition to two work projects, the group will meet with the staff of the Institute of Cultural Affairs and other specialists in rural development connected with the Department of Extra-Mural Studies of the University of the West Indies. Explorations in and exposures to Jamaica through field trips will be included. Preparatory studies in Jamaican history and culture and Third World economics will precede the travel. Seminars sharing reports and papers will conclude the course on campus. Students will keep a daily journal and present a paper.

**Evaluation:** Students will be evaluated on the basis of a daily journal; participation; leadership in group projects; and a paper (5 pages, typed, double-spaced) to be included in final report.

**Class Meetings:** Jan.4-7, Rollins  
Jan.8-26, Jamaica

**Approximate Cost:** \$580 (includes round-trip fare Orlando/Kingston, surface transportation, lodging and meals)

**Instructor:** Arnold Wettstein, Knowles Chapel



# NOTES





## ANTHROPOLOGY

**AN/LC 254W** Florida Indians and Their Neighbors  
(see course description under Latin American and Caribbean Affairs)

**AN/A 374W** The Art and Culture of the Indians of the American Southwest (C)

**Prerequisite:** None

This course will address the cultural world-view of pre-contact and post-contact Southwestern Indians; special emphasis will be placed on the visual arts of the Hohokam/Mogollon, Anasazi, and the later pueblo people. Students will investigate how to understand the culture through the study of ritual and culinary objects, and discover how cross-cultural technology and economics modified the appearance of some of those objects.

**Evaluation:** Tests and project papers.

**Class Limit:** 20

**Class Meetings:** 1:30 - 4:00 MTW

**First Session:** January 4, PAB A

**Instructor:** Ron Libertus

**AN 471W** Human Ancestors and the Archeological Record

**Prerequisite:** One AN or B course

One of the great dramas of our century has been the search for early humans. This search has led scientists across Africa to some of the most obscure places on the globe. This course will focus on Africa, examining the evidence for human evolution from the earliest appearance of hominids through the evolution of our species, *Homo Sapiens*. Students will learn about the evolution of behavior by studying the fossils and the archeological remains of early humans and by studying the landscapes where they played out their lives. By examining this data a picture will form of the circumstances that produced the behavior patterns that we think of as uniquely human.

**Evaluation:** Tests and research paper.

**Class Limit:** 25

**Class Meetings:** 9:30 - 11:30 MTWTh

**First Session:** January 4, PAB A

**Instructors:** Jack Harris and Carol Lauer, PAB 4A & 4B

## ART

**A 296W** Instant Image, Polaroid Photography as an Art Form

**Prerequisite:** None

Polaroid photography as an art medium offers some unique advantages for creative expression. The quality of instant feedback of image and the reduction of technical considerations of darkroom work allow for concentration of visualization and conceptualization of subject matter. Course study will utilize these advantages and concentrate on the creative aspects of photography.

Areas to be covered will be basic camera operation, film characteristics of both color and b & w polaroid film, visualization and image control in studio and field. Cameras will be provided.

**Evaluation:** Weekly projects 40% of grade, tests of readings and discussions 30% of grade, final matted portfolio 30% of grade.

**Class Limit:** 14

**Class Meetings:** 10:00 - 12:00 MTWTh

**First Session:** January 4, CO 110

**Instructor:** Ron Larned

**A 291W** American Folk Art

**Prerequisite:** None

Folk Art is generally defined as that art produced by untrained, amateur painters, carvers and craftsmen. Although paintings and sculptures have been produced by folk artists, the greatest body of work falls within the craft category: useful objects brightly and imaginatively decorated. By fine arts standards folk art can appear naive, awkward and primitive, but it is important, beyond its aesthetic value, as a reflection of the needs, spirit, humor and heritage of America from Colonial times to the present.

Examples of a variety of folk works will be shown (slides and actual pieces) and discussed to lead the student to understand and appreciate the art for its own charm, artistic and aesthetic merit and to lend a better understanding of the culture it reflects.



**Evaluation:** Classes will meet on a regular basis during the term and will conclude with an examination on the material covered. Outside work will include the completion of brief research questions, a research paper based upon a folk art genre of the student's choosing, and upon a creative project (painting, quilted square, carving, sampler, etc.) also of the student's choosing.

**Class Limit:** 15

**Class Meetings:** 1:00 - 3:00, MTWTh

**First Session:** January 4, CO 116

**Instructor:** Hallie Lu Hallam

**A 295W The American Dream and the American Arts**

**Prerequisite:** None

The course will first formulate an anthropological/sociological perception of the people of the United States: readings will come from both native observers and British cultural anthropologists. Uniquely American cultural perspectives such as pragmatism, transcendentalism, and funk will be explored. From these studies the students will formulate a definition of the American Dream.

The class will then study selected examples of American literature, music, visual art, and architecture to consider how the dream is found or lost. The study will avoid an intentional historical correlation of materials. Examples in the various arts will embrace fine, folk, and vernacular creative efforts, eschewing judgment of merit between the categories.

**Evaluation:** Grades will be based on evaluations of writing assignments, group discussions, quality of class participation, two quizzes, and a final examination.

**Class Limit:** 15

**Class Meetings:** 8:30 - 11:30, MTWThF

**First Session:** January 4, CO 113

**Instructor:** Robert Lemon

**A 350W Illustrating Children's Literature**

**Prerequisite:** Junior or Senior Art Major

Historically, the development of the art of illustration has been closely related to both painting and printmaking. Medieval illustrations, or illuminations, adorned manuscripts rather than walls, but they were paintings nonetheless and reflected many of the same concerns as works done on a larger scale. The print has had even closer ties to literary sources of inspiration and to the format of the book. Both painting and printing media will be utilized in this course to create illustrations for stories and poems written especially for children.

The course will consider some of the history and general problems of illustration, but will concentrate on the interpretation of themes in children's literature, giving major consideration to the appropriateness of text, medium, imagery and style to different age levels and specific genres of this literature.

Junior and senior art majors should be best prepared for this course from a technical standpoint, but others may apply if they have a strong interest in this area of study.

**Evaluation:** Based primarily on the student's ability to develop appropriate drawing and design concepts and carry them to completion in the required medium. An understanding of the special requirements of the child's book, and sensitivity to the specific nature of literary sources, are additional criteria which will be looked at in grading.

**Class Limit:** 10

**Class Meetings:** 10:00 - 1:00, MTWThF; additional time will be required for class related reading, research of manuscript material, preparatory sketch work and projects.

**First Session:** January 4, CO 107/111

**Instructor:** Thomas Peterson

**A-AN 374W The Art and Culture of the Indians of the American Southwest**

(see course description under Anthropology)



## BIOLOGY

### **B 110W** Life on Earth (O)

**Prerequisite:** Instructor's consent

A look at the natural history of the earth, using the themes of David Attenborough's film series. An appreciation for the development and organization of the diversity existing among the various groups of organisms will be the central focus. The objectives of the course will be a) to become familiar with the great variety of life that exists on the planet; b) to develop an understanding of the apparent interrelationships of the various life forms; and c) to consider the mechanisms responsible for the development of life on earth.

**Evaluation:** Class participation: 25%. Weekly quizzes and final exam: 50%; Written paper and oral presentation: 25%

**Class Limit:** 16

**Class Meetings:** 9:30 - 11:30, MTWTh

**First Session:** January 4, BU 212

**Instructor:** David Richard

### **B 122W** Genetics and Society (V)

**Prerequisite:** None

A survey of genetics including the relevant biology and technology. Much of the course material is devoted to the principles of heredity. Current and potential applications of these principles to humans are considered; many of these applications raise ethical issues. Special emphasis is given to the analysis of these principles and discussion of the issues raised.

**Evaluation:** Quizzes and in-class writing approximately every other day: 30%; 1 exam: 14%; 1 final: 28%; 1 research project: 14%; class participation: 14%

**Class Limit:** 16

**Class Meetings:** 10:00 - 12:00 MTWTh

**First Session:** January 4, BU 208

**Instructor:** Persis Coleman

### **B 162W** Introduction to Evolution (O)

**Prerequisite:** Non-major status

The course will center on class discussion of the exciting and well-written essays on evolution by Stephen Jay Gould which were first published in *Natural History* magazine during the 1970's and 1980's. We will follow his analyses which are frequently brilliant yet accessible to the non-major because they are not overly technical.

**Evaluation:** Based upon three tests covering both text and class material, class discussion and attendance.

**Class Limit:** 14

**Class Meetings:** 9:30 - 11:30, MTThF

**First Session:** January 4, BU 222

**Instructor:** Edward Scheer

### **B 174W** Biology and Society (O)

**Prerequisite:** None

Class discussions will focus on biological issues currently in the news media. Information in the popular literature will be compared to the evidence presented in scientific journals, and evaluated by the application of the principles of scientific methodology. The goal of the course is to instruct students in how to evaluate scientific claims and apply scientific information to modern society.

**Evaluation:** 40% of the grade will be based on a daily journal summarizing readings. 50% of the grade will be based on a 20 page term paper, analyzing one topic in biology, currently of interest to society. At least 2 drafts of the paper will be required. The final 10% of the grade will be based upon participation in class discussions.

**Class Limit:** 15

**Class Meetings:** 11:00 - 1:00, MWF plus daily assignments in the library.

**First Session:** January 4, BU 207

**Instructor:** Eileen Gregory

### **B 180W** Introduction to Mammalian Physiology (O)

**Prerequisite:** None

Lectures, readings, and discussion on the structure and function of the mammalian body. Humans will be compared with other mammals in terms of how they solve the problems of respiration, feeding, digestion, excretion, reproduction, internal transport, communication and sensory perception. By the end of the course, students should have a good understanding of human body function and how we relate to other mammals.

**Evaluation:** Four exams

**Class Limit:** 20

**Class Meetings:** 9:00 - 11:30, MTThF

**First Session:** January 4, BU 210

**Instructor:** James Small

### **B 380W** Mammalian Developmental Biology

**Prerequisite:** None

The complexity of mammalian development is only beginning to be understood in terms of the molecular events guiding embryonic development. In many respects, it remains a mystery how a single cell can be transformed into a mature individual. This course will examine the physiological processes supporting development: reproduction, pregnancy, parturition and lactation. It will explore developmental progress from fertilization through embryonic development with the establishment of the major organ systems. Two organ systems, the cardiovascular and urogenital systems, will be examined in detail. With the study of the urogenital system through birth to its maturation at puberty, the course will have come full circle in its discussions.



**Evaluation:** Exams (3): 70%; Class presentation and discussion: 30%

**Class Limit:** 12

**Class Meetings:** 9:30 - 12:00 MTWThF and 1:00 - 2:30 TTh

**First Session:** January 4, BU 218

**Instructor:** Stephen Klemann

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## BUSINESS STUDIES

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**BA 341W** Basic Investments and Taxation

**Prerequisite:** Junior status and consent. Business Minors will not receive credit for this course.

Designed for non-Business students who desire a basic understanding of common stock investments and taxes. Elementary financial concepts will be covered as they relate to the financial analysis of a firm. Students will learn to read and evaluate financial literature and to relate that knowledge to their personal financial needs as well as to that of society.

A perspective as to *why* financial information is presented should be helpful to the liberal arts student who intends to pursue graduate study in business. The course should also be valuable to those students who simply want to understand financial information available to investors in the stock market.

**Evaluation:** Two exams, quizzes, research paper (optional), class participation, homework assignments.

**Class Limit:** 15

**Class Meetings:** 9:00 - 11:15 M-Th

**First Session:** January 4, Crummer 221

**Instructor:** Bill West, Pioneer 115

**BA 372W** Crisis Management

**Prerequisite:** Junior status

Anyone can run a business when things are going well. The true test of a manager is to perform when things are falling apart. This course will describe the common types of business crises, analyze how actual businesses have responded to each type of crisis, and develop a set of principles for managing future crises. Case studies, videos, and guest speakers will be used extensively.

**Evaluation:** Grades will be based on class participation, written case analyses, and oral presentations.

**Class Limit:** 15

**Class Meetings:** 1:00 - 3:30 MTTh

**First Session:** January 4, location TBA

**Instructor:** Donald P. Rogers

**BA 392W** Concepts of Accounting

**Prerequisite:** Junior status. No credit given if the student has had BA 225.

A study of accounting ideas as applied in the business world, without all of the details of debits and credits. An emphasis will be placed upon the role of accounting data in the managerial decision-making process. Intended for those students not minoring in Business Studies. Frequent homework assignments will require reading of current accounting topics and presentation of oral or written reports. Reinforcement of writing skills will be required, and solving of accounting problems will be kept to a minimum.

**Evaluation:** Student participation will be one of the major determinants of the final grade, as well as weekly tests covering material discussed during the week.

**Class Limit:** 15

**Class Meetings:** 9:00 - 12 noon MWF

**First Session:** January 4, Crummer 316

**Instructor:** John McCall

**BA 393W** Social Responsibility: A Business Perspective

**Prerequisite:** Juniors and Seniors, business students preferred.

Case studies of the changing environment of American business. Main emphasis will be on the social responsibility of business. Topics covered: consumerism, social responsibility problems relating to business, values in our changing society, government regulations, and social responsibility problems in international business relationships.

**Evaluation:** Tests, oral presentations, homework cases, and short research paper.

**Class Limit:** 20

**Class Meetings:** 9:00 to 12 noon, MWF

**First Class Session:** January 4, Crummer 112

**Instructor:** William Hepburn

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## CHEMISTRY

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**C 110W** Chemistry and the Environment

**Prerequisite:** None. (note: does not fulfill any course work for the ES major/minor)

A brief introduction to some of the concepts and methods of chemistry and their applications to the study and solution of environmental problems. For non-science majors. No previous chemical knowledge is assumed. Laboratory exercises and field trips.

**Evaluation:** Weekly quizzes, two exams, a research paper and class participation.

**Class Limit:** 15

**Class Meetings:** 8:30 - 11:00 a.m. MTWTh

**First Session:** January 4, BU 301

**Instructor:** D. Larry Eng-Wilmot, Bush 313



### **C/CS 140W** FORTRAN in the Physical Sciences

**Prerequisite:** None



In the last two decades, the computer has become one of the most important and useful tools available to scientists, engineers and mathematicians. FORTRAN is perhaps the most popular programming language used in science. It is available for use with most computers.

The purpose of this course is to introduce the student to FORTRAN IV and its numerical applications in science. Emphasis will be placed on developing a working knowledge of the language to enable students to interpret and write FORTRAN programs. In addition, basic numerical methods and their applications to the solution of problems in science, particularly to chemistry will be presented. Highly recommended for students interested in science, engineering, mathematics and computer science; however, suitable for the non-major with interests in FORTRAN programming for practical purposes.

**Evaluation:** Two tests and projects.

**Class Limit:** 12

**Class Meetings:** 1:00 - 3:00 MTWThF plus 10 - 20 hours per week in the computer lab



**First Session:** January 4, BU 310

**Instructor:** Tzeng V. King

### **C 230W** Chemistry of Natural Products

**Prerequisite:** C 220 or consent

This course will explore the chemistry and biogenetic aspects of natural products, including terpenes, steroids, alkaloids, acetogenins and macrolides. Structural features of the natural products will be examined as well as an introduction to the biogenesis of these diverse compounds. Laboratory work will make use of the many natural sources of these compounds in Florida for their isolation, separation, purification and structural identification.

**Evaluation:** Weekly quizzes (45%); final examination (20%); and extensive laboratory notebook, (25%).

**Class Limit:** 12

**Class Meetings:** 10:00 - 12:00, MWF; Laboratory M-Th

**First Session:** January 4, BU 303

**Instructor:** Dr. Erich Blossey, Bush 317

### **C 232W** A Non-Technical Introduction to Some Topics in the Philosophy of Science

**Prerequisite:** None

Science, broadly considered, is the most successful enterprise man has ever engaged upon. What makes science different from other human activities and areas of knowledge? The layman and, to be fair, some scientists, believe that the success of science can be explained, at least in part, by the fact that in their work, scientists use a methodology known as 'The Scientific Method'. What is 'The Scientific Method'? If you ask a scientist, or for that matter, a layman to articulate what this methodology is, you find an extraordinary state of affairs. Scientists practice the scientific method, as it were, intuitively and are conscious of acting out a method. When attempts to define the methodology are made the agreement as to its nature quickly fades.

Questions like: Is there a scientific method and if so, what is its nature? are explored in this nontechnical introduction to the philosophy of science. During the term a few experiments will be performed to introduce the student to the practice of science and the handling of quantitative data. Experiments will also be used to illustrate some of the problems associated with the interpretation of scientific experiments.

**Evaluation:** One exam, class discussion, plus written essay.

**Class Limit:** 12

**Class Meetings:** MTWF, 10:00 - 12:00 Tuesdays, 1:00-3:00 P.M. (Demonstration Session)

**First Session:** January 4, BU 308

**Instructor:** Pedro Bernal

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## **COMPUTER SCIENCE**

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**CS/C 140W** FORTRAN in the Physical Sciences  
(see course description under Chemistry)

**CS 160** Introduction to Computing for Science

**Prerequisite:** M 110 or M 111.

Primarily intended for science and mathematics majors. No student who has received credit for CS 150.

An introduction to computer solutions of problems, with emphasis on scientific problems. Topics include analysis of problems for computer solution, writing programs in a computer language (BASIC), and an introduction to word processing. Note: This course requires an extraordinary amount of preparation outside class.

**Evaluation:** A midterm and final examination, several short quizzes, daily computer assignments.

**Class Limit:** 15

**Class Meetings:** 8:30 - 11:00 MTThF

**First Session:** January 4, BU 325

**Instructor:** John Bowers





**CS 275W Prolog****Prerequisite:** CS 261 or consent of Instructor

Prolog is rapidly becoming one of the most important computer languages. Prolog differs from other languages in that it is descriptive and not procedural. That is, a Prolog programmer need only describe the desired result and can ignore (mostly) the procedure used to find it. Prolog is very simple, but deceptively so. All elements of the language can be learned, and powerful programs written, in a few hours. To be really skilled in the use of Prolog requires years of practice. The aim of this course is to introduce the student to descriptive programming in general and, specifically, to Prolog.

**Evaluation:** Several programming projects and a final exam.**Class Limit:** 10**Class Meetings:** 9:00 - 11:00, MTWThF**First Session:** January 4, BU 103**Instructor:** A. J. Przygocki

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**ECONOMICS**


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**EC 341W The Theory of Taxation and Tax Reform****Prerequisite:** EC 212

A framework will be developed for the analysis of the effects of various types of taxes on economic efficiency and the distribution of income. Then this analytical framework will be used to examine the effects of recent changes and proposed reforms of federal, state, and local tax systems. Particular attention will be paid to property taxes and to federal income taxes.

**Evaluation:** Paper, 2 exams, class presentation, participation**Class Limit:** 20**Class Meetings:** 10:00 - 12:00 MTThF**First Session:** January 4, Crummer ?**Instructor:** Robert C. Steen, Crummer**EC 343W U.S.-Japan Trade Relations****Prerequisite:** EC 211 and 212

The purpose of the course is to investigate U.S.-Japan trade relations and to evaluate the prospects for improving the U.S. trade deficit in the wake of a lower dollar. Economic as well as non-economic factors will be covered, including how cultural perceptions of the other partner influence trade relations.

**Evaluation:** Mid-term exam: 20%

Final exam: 30%

paper: 30%

class discussion and oral presentation of paper: 20%

**Class Limit:** 20**Class Meetings:** 9:30 - 12:00 MTWTh**First Session:** January 4, TBA**Instructor:** Tony Karam**EC 359W Energy and Economics****Prerequisite:** EC 211 and EC 212

This course provides students an opportunity to learn the business economic principles of developing and utilizing energy resources. The course focuses specifically on extractive industries in coal, oil and natural gas and the energy conversion industries involving fossil fuels, nuclear energy and various solar power alternatives.

**Evaluation:** Students will be evaluated on the basis of a midterm exam, class participation, a paper, and a final exam.**Class Limit:** 15**Class Meetings:** 1:30 - 3:30 MTThF**First Session:** January 4, Crummer 317**Instructor:** Kenna Taylor**EC 363W Capitalism & Democracy****Prerequisite:** EC 211 & 212, consent

A seminar on the relationship between the economic institutions and structures of capitalism and the political foundations of democracy. In the conventional view, the historical alliance between capitalism and democracy has held strong because of an essential complementarity between the two systems. Yet that alliance has often been an uneasy one, and occasionally has even fallen apart (e.g., fascism in Europe and the Third World). Are the two systems essentially complementary or not? What will be the fate of democracy as the capitalist system continues its growth and development in the future? Such questions will be the subject of readings from the conservative, liberal and radical viewpoints. There will be lectures and discussions of the readings, and individual student presentations on research topics. Students will keep journals with commentary on and reactions to the readings, and will write research papers on specific topics of interest.

**Evaluation:** Students' journals on reading; final research papers; individual class presentations; and daily seminar participation and discussion.**Class Limit:** 15**Class Meetings:** 1:30 - 3:30 MTTh**First Session:** January 4, Crummer 220**Instructor:** Eric Schutz



## **EC 367W** Economics of European Integration

**Prerequisite:** EC 212, 211.

A number of concepts will be developed to aid in the differentiation between different levels of economic integration. The course will build on these concepts towards an understanding of some economic theories of customs unions. In relation to the European experience the actual results of integration will be compared with the expectations of the theory. Differences between the actual and expected results will be discussed. The aim of the course is to provide students with an understanding of how and why different groups of countries might attempt to integrate economically. It also aims to increase students' knowledge of the European Economic Community and its member states, and some of the issues currently being debated among them. A list of topics will be provided from which each student will be required to choose one. (Among the topics will be: Ireland and Europe; Spain and the EEC; The Effects of Enlargement on Existing Members; and, New Technology and Industrial Development in the Community.) Each student will give a short presentation on his or her readings during the course and will hand in a paper on his/her topic at the end of the course. A test will be held at the end of the course on the prescribed readings.

**Evaluation:** 1 class presentation; 1 written paper; 1 final examination

**Class Limit:** 15

**Class Meetings:** TBA

**First Session:** January 4, Crummer 221

**Instructor:** David Jacobson

## **EC 429W** Generational Equity: The Medicare Problem

**Prerequisite:** Junior-Senior Economics major or consent

This course centers on the problems faced by the U.S. Medicare system. Students will explore these problems as an issue in "Generational Equity." By this term is meant the fairness of imposing costs on one generation to provide benefits for another generation as happens with Medicare benefits.

**Evaluation:** Research paper and final examination; participation

**Class Limit:** 15

**Class Meetings:** 9:30 - 12:00 MTWTh

**First Session:** January 4, Crummer 220

**Instructor:** Wayne D. Hales

## **EDUCATION**

### **ED 280W** High School Sports; Contemporary Issues

**Prerequisite:** None

Students will become acquainted with some of the current problems facing high school athletic programs. The course will investigate current practices in public schools with respect to staffing of athletic programs, scope of athletic activities, and the myths and realities of secondary school sports programs.

**Evaluation:** Students will be required to write a research paper and successfully complete a series of examinations.

**Class Limit:** 30

**Class Meetings:** Four days per week, 10:00 - 12:00.

**First Session:** 10:00, January 4, TBA

**Instructor:** Larry Cotanche, Pioneer

### **ED 291W** Directed Observation and Field Experience – Regular

**Prerequisite:** Open to Sophomores, Juniors and Seniors

An opportunity for students interested in teaching to gain an insight into the education process as it exists in the schools. The course consists of two components: 1) directed observation and field experience, which requires the student to spend four hours daily in an assigned school; 2) development and practice of specific skills in the following areas: Communication Skills, Analyzing Classroom Verbal Interaction, Classroom Management, Analyzing Classroom Leadership Styles, Writing Behavioral Objectives, Developing Lesson Plans. An additional four hours per week beyond the field experience time is required.

**Evaluation:** Daily log, preparation of lesson plans, analysis of a lesson presented, attendance and participation in field-assigned school, class attendance and participation, demonstration of competency in skills.

**Class Limit:** 20

**Class Meetings:** Required orientation meeting, 4:30, first week of December, to be announced. SEHD, 1st floor, conference room. January 4-29, TTh.

**First Session:** 9:00, Monday, January 4, DEHD

**Instructor:** Linda DeTure, Evening Studies Center, First Floor.



## ENGLISH

### **E 235W** Themes in Mythology (C)

**Prerequisite:** None

What ideas lure you? Wholeness, exile, pilgrimage, the child, earth and spirit, sacred dance, silence, androgyny, masks, demons, the trickster... choose your own topic, form a group if you wish, and read the lore of the world to discover the range and richness of your idea...

**Evaluation:** 3 reports; 1 paper involving research in a broad array of culture

**Class Limit:** 15

**Class Meetings:** 9:00 - 11:00 MWF

**First Session:** January 4, ORL 105

**Instructor:** Steve Phelan

### **E 247W** Literature of South Africa (C)

**Prerequisite:** None

We will attempt to arrive at a better understanding of the complex situation in South Africa by examining various works of literature by both white and non-white South African writers. One of the purposes of this course will be to see how literature can enhance our understanding of another culture and, in the process, help us gain a clearer perspective on our own culture as well.

**Evaluation:** The grade will be based on a reader's journal, two papers, a final exam, and class participation

**Class Limit:** 15

**Class Meetings:** 9:00 - 11:30 MTWThF

**First Session:** January 4, ORL 205

**Instructor:** Kimberly Koza

### **E 280W** Versecraft

**Prerequisite:** Enjoyment of Wordplay

The study and practice of versemaking, mainly of traditional conventions employing meter, rhyme and formal pattern. A program to extend your appreciation of traditional poetic styles and techniques while exercising your own verbal skill and wit in the emulation of such notable models as sonnets by Shakespeare and Keats, couplets by Pope and Swift, blank verse by Milton and Wordsworth. An opportunity to discover the surprising and paradoxical liberation that form gives to the imagination. An invitation to cavort with the muse of your choice. Class style: workshop and discussion.

**Evaluation:** Regular reading and writing assignments, emphasizing productivity: perspiration before inspiration. Evaluation based on diligence, application, creative energy, and good, improving writing.

**Class Limit:** 12

**Class Meetings:** 10:00 - 12:00 MTWThF

**First Session:** January 4, ORL 105

**Instructor:** Alan Nordstrom

### **E 355W** Keats: All Ye Need to Know

**Prerequisite:** E 150 or instructor's consent

In the works of John Keats, a British poet of the early 19th century, we find questions that, though they cannot be answered, continue to be asked by writers of our own generation: Why cannot true feelings be accurately or sufficiently expressed, verbally or otherwise? When love finally comes, why won't it stay? How can life most closely approximate the ideal world reflected in art, or should it? How is it that we can imagine a life so much better than the one we have? And, when we are allowed a glimpse of that life, how do we go on when the glimpse is gone? This course will examine and address these questions as they are presented in the poetry and letters of Keats and in the work (novels, plays, poetry, and films) of some of his many disciples through the ages — Tennessee Williams, Robert Browning, F. Scott Fitzgerald, among them.

**Evaluation:** a community journal, group projects, a paper and a final exam

**Class Limit:** 15

**Class Meetings:** 9:30 - 11:00 MTThF

**First Session:** January 4, ORL 206

**Instructor:** Roy Starling

### **E/WS 374W** Feminist Drama (V)

**Prerequisite:** None

Survey of development of grassroots theatre groups in USA and elsewhere focusing on women's issues. Study of intersections of art and politics and work created collectively and by individual playwrights. Values approach using consciousness raising on topics such as growing up female, obsessions with female prettiness, women and food, addictions, madness, aging, family violence, spiritual and political feminism. Class readings and evaluation of unpublished scripts, including products of collective and individual playwrighting by students. Recommended for theater majors and women's studies minors. Every fourth year.

**Evaluation:** Participation in class discussion and informal play readings, reports, two essay examinations, original scene for class dramatization, journal.

**Class Limit:** 16

**Class Meetings:** 6:30 - 9:00 MTWTh

**First Session:** January 4, ORL 106

**Instructor:** Rosemary Curb



### **E 381W** Emily Dickinson

**Prerequisite:** One literature class

When Emily Dickinson wrote that "Essential Oils — are wrung —/The Attar from the Rose/Be not expressed by Suns — alone/It is the gift of Screws," she was reminding herself that life's most lasting perfumes are the products not of sunniness alone, but also of suffering. Her own life provided the screws to wring out her poetry. It was a life not large in geographical scope but immense in the range of her spiritual, emotional, and psychological voyaging, a life daring in terms of the challenges faced. She was a gutsy woman, brave enough to defy the religious and social conventions of her day, clever enough to find a room of her own in a time when women seldom had such a luxury. In this course, we will explore the various — and contradictory — biographical studies of Dickinson, but our primary focus will be on her poetry itself. Students will have a chance to read most of her works. A major portion of class time will be spent working together on explications of individual poems.

**Evaluation:** Class participation, journal, critical paper

**Class Limit:** 15

**Class Meetings:** 9:00 - 12:00 MTWThF

**First Session:** January 4, ORL 101

**Instructor:** Barbara Carson

### **E 386W** Fiction Writing: A Search for Triggers

**Prerequisite:** One or more literature courses required.  
Experience with fiction writing recommended.

This will be an intensive fiction writing workshop for those who are serious about writing. There will be many writing assignments done in class, three short stories due, and one final exam. Class exercises will take us from the observation of human activity (from the bizarre to the near sublime) to its assimilation into fiction.

Through our writing and discussing, we will come to see that nothing is outside the domain of fiction writing. It is hoped that, through our work, students will be able to assimilate any of their experiences into the fiction writing framework.

**Evaluation:** Three short stories, participation, one final exam, many short in class assignments

**Class Limit:** 10

**Class Meetings:** TBA

**First Session:** January 4, ORL 106

**Instructor:** Omar Castaneda

## **ENVIRONMENTAL STUDIES**

### **ES 150W/250W** Florida's Natural Environment: Natural History (V)

**Prerequisite:** A rugged spirit!; instructor's consent  
(for course description, refer to Off-Campus section)

### **ES 273W** Images of the Environment as Seen Through Film

**Prerequisite:** Instructor's consent

This course will explore four major environmental themes that have found expression in both the academic literature and film. These themes are 1) attitudes toward nature and wilderness in the American context; 2) the exploitation of nature and its impacts on the individual society, and the natural environment; 3) attitudes toward technology and the inputs of technology; 4) visions of the future in evolving natural and social environments.

The course will be run as a seminar. There will be only four lecture classes. Each of these will precede the films that deal with the four topics listed above. After the lecture, the viewing of the films and, of course, the reading for each section, a group of students will lead a class discussion on the subject matter. The goal of these discussions will be to understand how ideas in the literature find expression on the screen.

**Evaluation:** Journal, class participation, and term paper.

**Class Limit:** 20

**Class Meetings:** 9:30 - 12:00 M and F

**First Session:** January 4, Keene 102

**Instructor:** Barry Allen

### **ES 358W** The Very Venereal Virus: AIDS

**Prerequisite:** Instructor's consent

The study of nature and human nature are the two reasons for this investigation of the virus that will change our times. What exactly is the Acquired Immune Deficiency Syndrome (AIDS); and what does its origin, spread and treatment mean for the health delivery system in the U.S. and Florida?

A prominent researcher in *Scientific American* has called AIDS "a modern plague." This class explores the concept of disease in history, the social effects of the Bubonic Plague and the spread of syphilis to better understand past cultural response to devastating sickness. Is AIDS "the first great pandemic of the second half of the 20th century?"

As we discover the character of the virus the discussions will emphasize the role of isolation in disease prevention. Besides understanding quarantine, other behavioral responses, and the economic consequences of contagious diseases, we will formulate an educational strategy. This strategy should accurately inform people about the AIDS virus and its impact on adolescent and adult human sexual responsibility as one aspect of an ecological ethic.

**Evaluation:** Grades determined by reserve reading, quiz, daily journal and field notes, interviews and an essay and a presentation of the group strategy.

**Class Limit:** None

**Class Meetings:** 1:00 - 4:00, TWTh

**First Session:** January 5, KMC 2

**Instructor:** Joseph Siry, Shell Museum



**ES 489X Environmental Planning**

**Prerequisite:** One course in Environmental Studies

A practical, interdisciplinary approach to managing our limited environmental resources. Course work will emphasize an understanding of the competing demands for urban growth and development and the need to conserve and protect the natural environment. The course will conclude with an examination of environmental issues in the Central Florida area.

**Evaluation:** TBA

**Class Limit:** 20

**Class Meetings:** 6:00 - 8:40 p.m., TWTh

**First Session:** January 5, TBA

**Instructor:** Frank Reed

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**FOREIGN LANGUAGES**

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**CL/PY 334W** Art and Science: The Complete Student Guide to Human Nature

(see course description under Psychology)

**FR 225W** French Comic Prose in Translation

**Prerequisite:** None

What is satire? How does irony work? Is there a uniquely French sense of humor? These and other theoretical questions will be posed in this survey of famous comic plays, novels, and stories by French authors such as Moliere, Diderot, Voltaire, Sardou, LeBiche, and Faydeau. All readings are in English; no knowledge of French is necessary.

**Evaluation:** Grading will be based on tests, oral reports, and participation in class discussions.

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:30, MWF

**First Session:** January 4, BU 114

**Instructor:** Kenneth Rivers

**GN 122W** Literature and Society in the GDR

**Prerequisite:** None

When most people think of things German, their thoughts turn immediately to the Alps, leather pants, and frothy beer. Few think of the German Democratic Republic. This course will expose its participants to the circumstances that have brought about the unique status of the German Democratic Republic (East Germany) as well as some of the literary products of that country. We shall consider works by Christa Wolf, Ulrich Planzdorf, Uwe Johnson, Erwin Strittmatter, Johannes Bobrowski, Peter Hacks. COURSE CONDUCTED IN ENGLISH. However, if students wish to receive a higher level of credit for the course, they may make arrangements with the professor for additional work in German.

**Evaluation:** Pop quizzes, oral and written reports, written final exam, class participation

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:00 MWF

**First Session:** January 4, HK 100

**Instructor:** Nancy M. Decker, Hk 207

**PT 123W** Images of Brazil in Literature and Film (C)

**Prerequisite:** None

In the past 50 years Brazil has been transformed from an agrarian, third-world country to an industrial giant with the world's eighth-largest economy. This metamorphosis, with all its societal implications, has not gone unnoticed by writers and film-makers from Brazil and other nations. This course will review, analyze, compare and contrast some of the most important films and prose-fiction representations of the awakening of South America's "sleeping giant." All discussions, readings and lectures are in English.

**Evaluation:** Quizzes on lectures and content of readings, discussion and participation, final paper.

**Class Limit:** 20

**Class Meetings:** 9:00 - 12:00 MWTh

**First Session:** January 4, HK 104

**Instructor:** R.A. Kerr

**RN 261W** Peter the Great: the Man and the Legend (C)

**Prerequisite:** None

This course will examine the life and accomplishments of Peter the Great on the broad background of Russian history of the 17th and 18th centuries. Main emphasis will be placed on Peter's reforms and the reception of his reforms in Russia and in the west. Through a detailed and many-sided analysis of Peter's actions and popular reaction to them the students will learn to evaluate the ruler's reforms and assess their positive and negative sides, as well as distinguish the legendary elements from historical facts.

**Evaluation:** Quizzes on readings, oral presentations and discussions; term paper; midterm exam.

**Class Limit:** 25

**Class Meetings:** 9:00 - 12:00 MTW

**First Session:** January 4, KMC 2

**Instructor:** Alexander Boguslawski



## **SH 123W Spain in the Movies**

**Prerequisite:** None

TAUGHT IN ENGLISH, this course is a survey of Spanish culture and civilization as viewed through Hollywood movies. Student will read a basic text on Spain and selections relating to figures and components of Spanish culture/history: *El Cid*, *For Whom the Bell Tolls*, *Don Juan*, *Behold a Pale Horse*, *Carmen*, *The Bobo*, *The Pride and the Passion*, *Blood and Sand*, *The Naked Maja*, *Man of la Mancha*. Knowledge of Spanish is not necessary. Open to freshmen.

**Evaluation:** Two tests, final exam

**Class Limit:** 15

**Class Meetings:** 9:00 - 12:00 MWTh

**First Session:** January 4, HK 100

**Instructor:** E. Borsoi

## **SH 344W Speaking Spanish**

**Prerequisite:** SH 202

An intensive/saturation course in spoken Spanish. The only aim of the course is to enhance aural/oral skills in Spanish, so that the student will be able to communicate/converse freely and competently in Spanish. Handled by monograph series of aural/oral assignments: cassette tapes, videos, movies, outings to restaurants/markets/ sites where spoken Spanish can be practiced.

**Evaluation:** 4 weekly 1-hour cassette conversation listening comprehension exercises and tests; 4 weekly oral presentations (15 minutes each); entire class-period is conversational (re: cassette tapes practiced)

**Class Limit:** 10

**Class Meetings:** 9:00 - 12:00 MTWThF

**First Session:** January 4, BU 114

**Instructor:** F. Lopez-Criado, Hk 202

## **HISTORY**

### **H 170W Historical Autobiography: Exploring the Historical Self**

**Prerequisite:** None

In this course we will explore the self as it experiences historical conditions and events. We will first study the theoretical basis for understanding historical autobiography as a special kind of historical literature and then we will read and discuss three autobiographies (tentatively, *The Autobiography of Benjamin Franklin*, *The Education of Henry Adams*, and *The Autobiography of Malcolm X*), relating them to the theoretical constructs. Concurrently, we will be writing our own autobiographies and if time permits we will present portions of them to the class.

**Evaluation:** Tests and written assignments on the readings and the personal autobiographies will form the basis for evaluation.

**Class Limit:** 20

**Class Meetings:** 8:30 - 11:00, MTWTh

**First Session:** January 4, PAB 21

**Instructor:** Jack C. Lane

### **H 235W Secular Humanism in American Culture**

**Prerequisite:** None

The place of secularism in the United States presents a vexing problem. Much of our institutional and public life is thoroughly secular, yet religions retain a strong force. In a context of widespread pluralism, secular humanism has even taken its place as an alternative religion in the eyes of many proponents and critics.

This course will be a forum for student and teacher to construct a history and cultural evaluation of secularism in America. In lectures, discussions, student reports and tutorial conferences, we will explore: What secular humanism is; What its historic roots are; Whether it declined or permeated American culture; and other questions.

**Evaluation:** In addition to their reports in class, students will be required to submit a written account of their research. There will also be a final exam.

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:00, MTWTh

**First Session:** January 4, TBA

**Instructor:** Paul Jerome Croce

### **H 235W Secular Humanism in American Culture**

**Prerequisite:** None

The place of secularism in the United States presents a vexing problem. Much of our institutional and public life is thoroughly secular, yet religions retain a strong force. In a context of widespread pluralism, secular humanism has even taken its place as an alternative religion in the eyes of many proponents and critics.

This course will be a forum for student and teacher to construct a history and cultural evaluation of secularism in America. In lectures, discussions, student reports and tutorial conferences, we will explore: What secular humanism is; What its historic roots are; Whether it declined or permeated American culture; and other questions.

**Evaluation:** In addition to their reports in class, students will be required to submit a written account of their research. There will also be a final exam.

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:00, MTWTh

**First Session:** January 4, TBA

**Instructor:** Paul Jerome Croce



## **H 356W** Readings in American History

**Prerequisite:** Instructor's consent

Since any department is able to offer only a limited number of courses that cover a limited number of topics, some students may want to take the winter term to examine in depth a subject of special interest to them. The purpose here is to offer students a chance to do some concentrated reading and writing on individually selected topics in American history. When students meet with me during pre-registration week to obtain consent for this course, we may want to take a preliminary inventory of topics that might be addressed. During winter term we shall spend twenty-five (25) hours per week together reading and writing in "class" — that is, in the library. Should two or more students desire to work on a common topic, that can be arranged. Can reading and writing be fun? We shall see.

**Evaluation:** Each student will read approximately five to ten books and write several short (3-4pp.) papers plus a comprehensive paper at the end of the term (15 pp.) Regular attendance is required and will count (10-20%) toward your course grade. Note: students, especially non-majors, will be encouraged to take this course on a Credit/No Credit basis.

**Class Limit:** 20

**Class Meetings:** 9:30 - 12:00 and 2:30 - 5:00 MTWThF

**First Session:** January 4, History Department Lounge

**Instructor:** Gary Williams

## **H 370W** The Russian Revolution in Memoir History

**Prerequisite:** Instructor's consent

No great event inspired such a variety of lively and important memoir histories as the Russian Revolution. Ironically, most students derive their view of the Revolution from secondary works. Memoir accounts are, in fact, often regarded as a suspect form of historical literature because of the prejudices, ambitions, and personae of their authors. If read critically and judiciously, however, several memoir histories of the Revolution illuminate the complexities and passions surrounding the Revolution and offer concrete examples of historical epistemology in a manner that "detached" secondary studies cannot match.

Accordingly, we shall address the major controversies of the Revolution through a critical and comparative analysis of five of the most dramatic and engaging memoir histories of the Revolution: N.N. Sukhanov's *The Russian Revolution*; Alexander Kerensky's *The Kerensky Memoirs: Russia and History's Turning Point*; Victor Chernov, *The Russian Revolution*; John Reed's *Ten Days that Shook the World*; and Leon Trotsky's *The Russian Revolution*.

**Evaluation:** Students will be evaluated through their contributions to class discussions and the completion of a lengthy paper evaluating the general value of memoir literature in History and the particular qualities, contributions, and limitations of the four memoirs cited above.

**Class Limit:** 15

**Class Meetings:** 10:00 - 12:00, MTWThF

**First Session:** January 4, PAB 19

**Instructor:** Charles Edmondson

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## **INTER-DISCIPLINARY**

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### **IC 102/202/302/402W** The Psychology of Competition

**Prerequisite:** Previous or current involvement in a competitive activity. (Note: this course does not count as an elective in psychology)

The course will impart specific strategies for practice, training, and optimal sports performance and examine the influence of the sports experience on physical growth and development, personality, and the American culture.

**Evaluation:** Each student will prepare a plan of action for optimal performance during competition which includes: daily worksheets of activities, personal motivational inventory results, and problem solving with peer and instructor evaluation. Satisfactory completion of written assignments and examinations as well as participation in classroom and laboratory experiences is expected.

**Class Limit:** 30

**Class Meetings:** Monday through Friday 10:00 - 12:00

**First Session:** January 4, EAFH 210

**Instructors:** Gordie Howell and Steve Chandler

### **IC 240W** Great Trials of the Century (V)

(This course will be offered if the off-campus study in Switzerland cannot be conducted)

**Prerequisite:** At least one course in sociology or politics of history

A study of the cases that made headlines and influenced our lives in the 20th century: the Lindbergh Kidnapping, the Rosenberg Spy Case, the Leopold-Loeb Murder trial, the trials of Dr. Spock, Father Berigan, and the famous "Chicago Seven", the McCarthy hearings, the Nuremberg Trials, the trial of Adolf Eichmann, the trial of Lee Harvey Oswald for the murder of President Kennedy, the trial of Sirhan Sirhan for the assassination of Robert Kennedy, the "Anarchy" trials of Sacco and Vanzetti, and a host of other famous cases.

Students will visit local courts to observe current news-making trials.



The course is designed to show how certain social values influence the making of a judicial decision so that persons concerned with the direction in which society is moving will have a better appreciation of what law is, the uncertainties involved and the future of our way of life. This course is a study of law as a behavior pattern and of a socio-political outgrowth of the needs and desires of the people.

**Evaluation:** Meaningful class participation, reading of trials, a paper, attendance at trials (field trips).

**Class Limit:** 15

**Class Meetings:** 2:30 - 5:00, MW and several full or half-day field trips

**First Session:** January 4, Crummer 316

**Instructor:** Marvin Newman

#### **IC 280X** Great Decisions 1988

A discussion of major foreign policy issues facing the United States.

**Evaluation:** Four papers, final exam and class participation.

**Class Limit:** 40

**Class Meetings:** 7:30 - 10:00, TWTh

**First Session:** January 5, Hauck

**Instructor:** Harry Kypraios and Luis Valdes

## **LATIN AMERICAN AND CARIBBEAN AFFAIRS**

### **LACA 206W** History of the Caribbean (C)

**Prerequisite:** None

An introductory course which surveys the history of the Caribbean, from the time of the European discovery of the region, until the present. The course will place heavier emphasis on the history of the Greater Antilles (Cuba, Haiti, Dominican Republic, Puerto Rico, and Jamaica), and, to a lesser extent, the Lesser Antilles. Course is taught in English; it fulfills the "C" requirement of the college.

**Evaluation:** Two examinations; homework assignments; class presentations.

**Class Limit:** 25

**Class Meetings:** 3:30 - 5:30, MTWTh

**First Session:** January 4, PAB 19

**Instructor:** Jose Fernandez

### **LC/PO 217/317W** Latin America and the U.S. in World Politics

**Prerequisite:** At least one course in Latin America or Caribbean Studies, or one course in political science, or consent.

A survey of the events, institutions, and issues that have dominated the relations of the United States with Latin America and a general view of the process through which a special relationship developed, how this process was affected by historical events, and what possibilities exist for its future course. Special emphasis will be given to contemporary issues and problems in the Caribbean and Central America.

**Evaluation:** Two examinations and class presentations.

**Class Limit:** 25

**Class Meetings:** 9:30 - 12:00 TWTh

**First Session:** January 4, PAB 2

**Instructor:** Federico Gil

**LC/AN 254W** Florida Indians and Their Neighbors (N.B.: The term Indians is preferred by most Native Americans, many of whom consider "Native" to be derogatory)

**Prerequisite:** None

This course introduces students to the archaeology and sociocultural history of American Indians in Florida, the Caribbean, and the immediate areas of the American Southeast. Special emphasis is placed on ecology and sociocultural change within the following American Indian cultures: Arawaks, Caribs, Timucua, Calusa, Creek Cherokee, Miccosukee-Seminole.

**Evaluation:** Weekly exams.

**Class Limit:** 25

**Class Meetings:** 1:30 - 3:30 MTWTh

**First Session:** January 4, PAB 2

**Instructor:** Marilyn Stewart

### **LACA 307W** Caribbean Socio-Political Thought: Literature as a Mirror and a Forum (C)

**Prerequisite:** None. Course is taught in English.

With the second Cuban War of Independence, the Caribbean became the first region in the world to feel fully the weight of international policies that would characterize our twentieth century's global economics. This came as no surprise to those who had read the works of such prominent Caribbean writers as Jose Marti, Ramon Emeterio Betances, Eugenio Maria de Hostos, and others. Just how accurate and prophetic their writings turned out to be, can be confirmed by reading their Caribbean successors, from Marcus Garvey to Frantz Fanon and Aime Cesaire.

Through exhaustive analysis of several key works, a clear picture will emerge of the Caribbean as a typical and yet unique example of what at the end of our century is still a conflictive situation which began exactly 100 years ago. The present is thus explained by the past. Hopefully, the future will also be glimpsed through these writings. Excerpts will be read from Jose Marti (CUBA), Hostos (PUERTO RICO), Garvey (JAMAICA), Fanon (MARTINIQUE), and Price Mars (HAITI).

**Evaluation:** Examinations, homework assignments, and perhaps written reports.

**Class Limit:** 25

**Class Meetings:** 2:00 - 4:00 MTWThF

**First Session:** January 4, PAB 21

**Instructor:** Eugenio Suarez-Galban



## MATHEMATICAL SCIENCES

### **M 107W** Applied Mathematics

**Prerequisite:** None

A study of mathematical methods to solve real world problems. Topics will include linear systems of equations, matrices, Gaussian Elimination, Markov Chains, Linear Programming — a geometrical approach and the simplex method, and Game Theory.

**Evaluation:** Quizzes, tests and a comprehensive final exam.

**Class Limit:** 20

**Class Meetings:** 9:00 - 12:00 MTWThF

**First Session:** January 4, BU 328

**Instructor:** Kathryn D. Underdown

### **M 108W** Manageable Magical Modern Math (M)

**Prerequisite:** None

So you didn't like the mathematics you learned in high school? You think Euclid would have done better as a rock star? If so, this course is for you! We shall, in an elementary fashion, study the nature and uses of some recent results of mathematics (yes, people continue to create new ideas in math) and solve some simple problems. A little history will be included as spice. Since we can't do it all, topics will be chosen from the following list (and more!), depending on the preferential votes of the students in the class. Intended for non-majors.

How to Lie with Statistics.

Winning at Tic-Tac-Toe and other strategies (and what this has to do with the "real" world?)

The Golden Rectangle in art and architecture and its relation to pine cones and bunnies.

How computers compute.

The CIA vs. the KGB: Prime numbers and unbreakable codes.

How many colors are needed to color a map and how does this help in the design of a traffic light?

Famous mistakes mathematicians have made.

Geometries other than Euclid's and which one really governs the universe, if any?

How many infinities are there? Did you think there was just one?

Just how fuzzy is a fuzzy set?

What is Calculus, anyway?

God's joke on us: some things can never be proved!

How can politicians use math?

The logical illogic of the Mad Hatter.

**Evaluation:** Homework, participation in classroom discussion, several quizzes.

**Class Limit:** 15

**Class Meetings:** 9:00 - 11:30, MTWTh

**First Session:** January 4, BU 327

**Instructor:** Alexandra Skidmore

### **M 180W** Infinity, Fact or Fiction.

**Prerequisite:** None

The course will explore the concepts of infinity and paradox in relation to its genesis, its influence on mathematical development and thought, and its application to the "real" world.

**Evaluation:** Class participation, class presentation, homework, selected assigned readings, and a written report.

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:00, TWTh

**First Session:** TBA

**Instructor:** Maneer

### **M 196W** Linear Programming (M)

**Prerequisite:** None

An introductory course in the mathematical methods used in solving certain management problems. Considerable emphasis will be given to the simplex method for solving these problems. The basic transportation and assignment problems will be investigated as special cases. This is an applied mathematics course of interest to students of business, mathematics, and computer science. Computer demonstrations and computer learning modules will be available.

**Evaluation:** Three tests, homework assignments and class participation will determine the student's grade.

**Class Limit:** 20

**Class Meetings:** 9:00-11:30 MTWThF

**First Session:** January 4, BU 326

**Instructor:** Ralph Naleway

### **M 323W** Graph Theory

**Prerequisite:** M 205 (Discrete Mathematics)

An introduction to the study of graphs, digraphs, and networks as mathematical models for a variety of real life problems. Topics include Euler graphs, Hamilton graphs, minimum spanning tree algorithms, shortest path algorithms, critical paths, chinese postman problem, traveling salesman problem, vehicle scheduling problem and map coloring. Both optimal and heuristic algorithms will be discussed. This course is recommended for students in computer science, mathematics, and mathematics education.

**Evaluation:** Class participation, quizzes, homework and a comprehensive final exam. Related computer programs are optional.

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:00, MTThF

**First Session:** January 4, TBA

**Instructor:** Carmen Shershin



## **M 330W** Transformation Geometry

**Prerequisite:** 1) M 110, M 111, or M 113 and 2) consent of Instructor

The plane geometry of high school will be revisited and studied by transformations of the plane, reflections, rotations, magnifications, etc. These transformations move the points to new locations in such a way that familiar geometrical properties are observed and new ones are discovered. The motions will be accomplished by using complex number arithmetic, which will be introduced from scratch. Certain sets of these motions will serve to introduce the important concept of a group. Models for non-Euclidean geometries will be included — geometries where parallel lines, in the usual sense, do not exist. Students who enjoyed geometry (even if they have forgotten some of it and are not highly skilled in algebra) and are able to reason carefully should find this course appealing. Highly recommended for future mathematics teachers.

**Evaluation:** Class participation, homework assignments, and two tests.

**Class Limit:** 25

**Class Meetings:** 8:30 - 11:00, MTWTh

**First Session:** January 4, BU 130

**Instructor:** Jim Wahab

## **MUSIC**

### **MU 177W/277W** The Music of Black Americans (C)

**Prerequisite:** Instructor's consent

While it is no longer necessary to convince people that Black Americans have a place in the development of this country's popular music, the significance of their contribution is often underrated. In addition, very few people realize that Black Americans have an important place in almost every other area of American musical life. An examination of the participation of blacks in this country's music from the dance hall to the concert hall will give students an awareness of black influence in American music that few people have.

**Evaluation:** Based on a midterm and a final exam that will cover the material from the class sessions, four written reports on selected musicians (which will also be presented orally to the class) and attendance and participation at class meetings.

**Class Limit:** 25

**Class Meetings:** 1:30 - 4:00 TTH; students will also have music listening/video watching of related materials for about 4 hours per week. The students will spend the other 30 hours per week researching their reports and/or studying material covered in class.

**First Session:** January 5, Keene 102

**Instructor:** William Gallo

## **PHILOSOPHY AND RELIGION**

### **R 120W** Religion and the Arts

This course will be offered if the off-campus study in Jamaica cannot be conducted.

**Prerequisite:** None

Probes into Chinese landscape painting, Japanese haiku and Western painting, poetry and music disclose an intimate connection between religion and the arts. How each shapes and is in turn shaped by the other can help us understand ways in which these mutually inter-depend, each seeking to provide what the other needs. Class discussions will be enhanced by hands-on workshop experiences and field trips (not in this term, however, to the Orient) to test theories of Andre Malraux, Burton Watson, John Cobb and Paul Tillich, among others.

**Evaluation:** Written critiques of particular readings and viewings and a research paper on a personally chosen subject.

**Class Limit:** 12

**Class Meetings:** 2:00 - 4:30 MTWTh

**First Session:** January 4, KMC 1

**Instructor:** Arnold Wettstein

### **PH 195W** Human Potentials: Theory and Experience

**Prerequisite:** Consent

Recent research has made it clear that traditional views about the nature of the world and of the person have subverted our conception of human potentials and have forced us to think that we have fewer capacities than we really do. In class, we will examine some of the evidence for the existence and possible use of several of these potentials, as well as practice some of the traditional and modern techniques to develop our potentials. Some of these are various forms of meditation (mantra type meditation, Zazah, Ziker, Silva Mind Control, Relaxation Response), exercises in imagery and lateral thinking, as well as body techniques such as Yoga and Feldenkrais. We will meet daily in the first week, reading two books for philosophical and psychological background. The second week will be an intensive workshop off campus, running 12 to 14 hours per day, in which we will submerge ourselves in the practice of all the techniques. In the third week, we will continue with some reading and discussion, and the last week will be set aside for writing a paper. There will be a test during the first week as well as a short paper due at the beginning of the second week.

**Evaluation:** There will be a quiz or short paper on each of the three basic books read during the first three weeks of the course, and a term paper due at the end of the course. The course must be taken Credit/No Credit.

**Class Limit:** 15

**Class Meetings:** 9:00 - 12:00 MTWTh for the first three weeks. Students will meet individually after that while working on their papers.

**First Session:** January 4, French House Lounge

**Instructor:** Hoyt Edge



**R 221W** Portraits of the Modern Jew in the American, European and Israeli Cinema (C)

**Prerequisite:** None

A study of the modern Jewish experience through events, themes, and characters portrayed in films such as "Hester Street," "Yentl," "The Frisco Kid," "Garden of the Finzi Contini," "The Pawn Broker," "The Apprenticeship of Dudi Kravitz," "I Love You, Rosie," and others. Our discussions will include an investigation of the relations between the film and the novel on which it is based, a historical review, and a close analysis of all films viewed.

**Evaluation:** Class participation, journal assignments, and a final paper.

**Class Limit:** 20

**Class Meetings:** 9:00 - 12:00 TTh

**First Session:** January 5, KMC 1

**Instructor:** Yudit Greenberg

**PH 217W** Martin Luther King: A Life of Moral Commitment (V)

(This course will be offered in the event that the off-campus study in Nepal cannot be offered.)

**Prerequisite:** None

The life of Martin Luther King, Jr. provides an excellent case-study for consideration of important questions in moral and political philosophy. In this course we will learn of King's actions and beliefs and will reflect upon the ideals which motivated his actions and the experiences and thinkers that influenced his beliefs. We will study perennial philosophical issues as they arise concretely in the internal and external conflicts through which King lived. We will consider the philosophy of non-violence, the justification of civil disobedience, the role of religion in a secular democracy, the conflict of public and private morality, governmental abuse of power, virtues and the moral motives for altruism and self-sacrifice. It is hoped that we will learn of the life of moral commitment through the study of the beauty, power and perils of one such life.

**Evaluation:** One test, one research paper; three brief written assignments

**Class Limit:** 20

**Class Meetings:** 11:00 - 1:00 MWF; 4 or 5 required evening meetings to discuss films and recorded speeches.

**First Session:** January 4, CR 317

**Instructor:** Tom Cook

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## PHYSICS

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**P 108W** Nuclear Power, Nuclear Arms, and Nuclear War (P)

**Prerequisite:** Simple high school mathematics

This course is designed to provide some understanding of the impact of nuclear energy in today's world. We will develop some of the simpler ideas of physics as we study topics such as nuclear power plants

(remember Chernobyl?), nuclear weapons (A-bombs, H-bombs, and delivery systems), and nuclear war (limited, full-scale, "Star Wars" defensive systems, "nuclear winter" and the like). Attempts are made to provide *both* sides of controversial issues. The objective is to make you into more fully informed citizens in a technological world. We shall also use the computer to display some simulations (no programming necessary) and do an experiment in radioactivity (which is safe!) to complement the reading, simple exercises, and discussions.

**Evaluation:** There are 3 one-hour exams; graded class participation in discussion, debates, and solving exercises; a personal journal in which you present thoughts on the reading and discussions in a timely manner.

**Class Limit:** 16

**Class Meetings:** 9:30 - 12:00 MTThF

**First Session:** January 4, BU 107

**Instructor:** Robert Carson

**P 118W** Light and Sight (O/P)

**Prerequisite:** None

An introduction to the physics of optical phenomena and the biology of vision for non-science majors. Topics covered include geometrical and physical optics, color, visual perception and illusion.

**Evaluation:** 8 quizzes (2 per week); 4 exams (1 per week); 1 research paper.

**Class Limit:** 30

**Class Meetings:** 1:00 - 3:00 MTWThF

**First Session:** January 4, BU 130

**Instructor:** J. Patrick Polley

**P 193W** Modern Cosmology (P)

**Prerequisite:** None

How big is the universe? Does it have an edge? Will the universe expand forever? Will the universe ever end? These questions will be considered in a study of the universe and its evolution — which extends our imagination to the very edge of space. Starting with the characteristics of galaxies, the red-shift, and the Hubble relationship various models will be considered in attempting to understand how the universe has evolved to its present state. After introductory readings and discussion the student will select a particular research topic for class presentation such as: The search for black holes, evolution of quasars, the nature of time, or looking for extraterrestrial life.

**Evaluation:** Active participation in class discussion, presentation of research topic and instructor's personal evaluation of progress.

**Class Limit:** 12

**Class Meetings:** 10:00 - 12:00 MTWThF for the first two weeks for daily lecture-discussion sessions. Preparation of research topic during the third week and class presentation during the final week.

**First Session:** January 4, BU 105

**Instructor:** John S. Ross



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## POLITICS

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**PO/LC 217/317W** Latin America and the U.S. in World Politics

(see listing under Latin-American and Caribbean Affairs for course description)

**PO 247W** The U.S. Presidential Election (S)

**Prerequisite:** None

This course will examine the 1988 presidential election as a process for setting forth and evaluating alternative visions for America. Using the candidates' speeches and writings along with contemporary news reports, we will examine the similarities and differences in the visions being articulated, discuss the adequacy of these visions for contemporary America, and assess the election process as a means of evaluating alternative visions. In the latter connection, we will consider how election laws, party and non-party organizations, the media, and the exigencies of campaign financing affect this vision-setting process. Following some common readings, students will be permitted to specialize on particular candidates.

**Evaluation:** One five-page essay; one group report; one 15-page research paper

**Class Limit:** 20

**Class Meetings:** 1:00 - 3:00 MTWTh

**First Session:** January 4, OR 101

**Instructor:** Richard Foglesong

**PO 223/323W** Of Woman Born: Reproduction and the Politics of Motherhood

**Prerequisite:** 300-level requires an additional essay.

In the late 19th century, advocates of birth control were jailed for violating obscenity laws. Although ancient societies had permitted the wide-scale practice of birth control, America did not. Laws forbidding the practice of birth control were changed only after years of agitation; and not until 1973, in the Supreme Court case of *Roe Vs. Wade*, was the right to have an abortion constitutionally guaranteed. In the 1980's, Americans face new questions about reproduction and motherhood. In particular, personal and moral conflicts about new reproductive technologies (such as surrogate motherhood) will have to be resolved through our legislative and judicial institutions. Why has an issue as intensely private as reproduction attracted so much public concern? What does that level of public concern tell us about our society's attitude toward men and women, motherhood, and the family? To address these questions, this course will examine the history of the birth control movement, the contemporary debate between "pro-choice" and "right to life" forces, and the recent conflicts (as in the "Baby M" case) about the place of new reproductive technologies in our society.

**Evaluation:** Two short essays, a journal on course readings, and class participation. For 300-level credit, students will write an additional essay.

**Class Limit:** 20

**Class Meetings:** 10:00 - 12:00 MTWTh

**First Session:** January 4, PAB 20

**Instructor:** Laura Greyson

**PO 393W** The Vietnam War

**Prerequisite:** None

An examination of the conflicts in Vietnam from 1945-1975. We will consider the origins of the conflicts, the history of their development, and evaluations of the outcomes. A sample of the topics includes: the impact of French colonialism, peasant revolution, American intervention, controlled escalation, counterinsurgency warfare, Vietnamese politics, negotiations, and the role of the Soviet Union and China. Students will read a broad range of the academic literature on these subjects, focusing on an analysis and assessment of the major events. Substantial class time will be devoted to viewing video tapes concerning the war and its aftermath.

**Evaluation:** One 6-8 page paper, journal, final exam and class discussion.

**Class Limit:** 15

**Class Meetings:** 9:00 - 12:00 MTWTh

**First Session:** January 4, PAB 1A

**Instructor:** Tom Lairson

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## PSYCHOLOGY

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**PY 231W** Psychopathology Through Literature

**Prerequisite:** None

This course explores the experience of individuals having altered states of consciousness. Case histories, novels, biographies and autobiographies will be used. This is a reading/discussion course. Focus will be directed toward relating the experience of psychopathology to one's everyday experience.

**Evaluation:** Course participation and papers

**Class Limit:** 15

**Class Meetings:** 1:00 - 3:00 MWF

**First Session:** January 4, PAB 10

**Instructor:** James D. Upson

**PY 237W** Hanging Loose in an Uptight World

**Prerequisite:** None

How often have you been told, "It's only your nerves; you've just got to learn to relax." Each of us experiences varying degrees of stress throughout our lives, yet most of us have never learned to cope with the pressures of everyday life. Dealing with stress effectively is not a passive activity, but one which requires knowledge, skill and practice.

**Evaluation:** Reaction papers — final exam

**Class Limit:** 15

**Class Meetings:** 9:00 - 11:00 MWF

**First Session:** January 4, PAB 10

**Instructor:** Martin E. Farkash



**PY/WS 320W Women: Psychology's Challenge****Prerequisite:** PY 101 Introduction to Psychology

Traditional psychological views of the female personality have focused on describing the differences between females and males by drawing upon male norms, and comparing women as a special case. In more recent years, psychological researchers have argued for a shift in perspective which focuses on the uniqueness of the female experience as perceived by women themselves. This course will survey a series of topics in the Psychology of Women as presented by both traditional and contemporary writers, and will examine the implications of the emerging psychological point of view. Topics will include: theories of female personality, the relations between physical and psychological characteristics, intellectual abilities, moral development, emotional development, and women and mental health.

**Evaluation:** Will be based on tests, oral reports and class participation**Class Limit:** 15**Class Meetings:** 9:30 - 12:00 MTWTh**First Session:** January 4, PAB 7**Instructor:** Maria R. Ruiz**PY/CL 334W Art and Science: The Complete Student Guide to Human Nature****Prerequisite:** Instructor's consent

Both science and art have something to say about human nature, but they go about it from different directions. Science tries to discover general principles and then applies them to the individual case. Art focuses on the particular instance and then uses this to illuminate what is universal in all of us. (In this course art will be represented by Greek Drama. Students will examine aspects of human nature as revealed in the tragedies and comedies of classical Greece. For instance, in what ways can the collapse of Ajax' heroic world and his subsequent suicide help us to understand our own sense of frustration in a world of shifting values and pressures to conform? The scientific perspective will be presented through readings in Psychology. For example, a social psychologist would hypothesize causative factors for the Jonestown mass-suicide, then isolate and control these factors in a laboratory setting. A scientist's speculations on the reasons why the Jonestown mass-suicide occurred may be clever and adroit, but the laboratory becomes the litmus test. The purpose of the course is to demonstrate that science and art are complementary. There are advantages and limitations to each method. To gain insight into our own nature we will need both. Students will look through the eyes of the artist and scientist as we study major aspects of human nature (e.g. aggression, love, conformity).

**Evaluation:** Short papers, two exams**Class Limit:** 20**Class Meetings:** 10:00 - 12:00 MTWTh**First Session:** January 4, Crummer B17**Instructors:** J. Heath and R. Thompson

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**SOCIOLOGY**

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**SO 205W Observation of Legal Administration****Prerequisite:** Transportation is helpful

The various hearings, trials, sentencings that constitute the visible, daily routes of grinding out "justice" are public and present an excellent opportunity for the social science student to connect description, theory and behavior. We use the courtroom and judicial chamber as a laboratory to observe a variety of strategy, actions, and decision making, that clearly reveal the workings of the law as a major social institution.

**Evaluation:** Students will be tested on information generated in the course. A journal is required. Writing requirements include reaction and point-of-view essays and a critical book review. Participation and attendance are essentials.**Class Limit:** 12**Class Meetings:** MTWTh 1:30 - 3:30; TTh 9:00 - 12:00**First Session:** January 4, TBA**Instructor:** Arthur Jones**SO 221W Perspectives on the Northern Ireland Problem (C)****Prerequisite:** None

This course involves a consideration of sociological and political science perspectives on the Northern Ireland problem. Although we will consider the history of Ulster, we will primarily treat Northern Ireland as a case study in ethnic conflict, as well as a sociological study of post colonial societies. As such, the Northern Ireland problem serves as an interesting laboratory for the study of the interaction of class and ethnicity in an imperialized country. In addition to formal lectures, the course will involve video presentations. Student will also present research papers in small group situations on contemporary issues in the politics of Northern Ireland.

**Evaluation:** One book review at mid- point of course; one assessed research paper to be read to small group and presented in written form at end of course.**Class Limit:** 16**Class Meetings:** TBA**First Session:** TBA**Instructor:** Desmond Bell



## **SO 296W** Nazi Germany and the Holocaust

**Prerequisite:** None

In the early stages of World War II, the decision was made by the leadership in Nazi Germany to begin the "final solution to the Jewish problem." This eventually led to the mass murder of almost six million Jews and six million non-Jews in the concentration camps of Nazi-held Europe. This decision to liquidate the Jews and other enemies of the Nazi state was the culmination of a long series of actions taken during the decade of the 1930s to begin the isolation, forced movement, and concentration of the Jews living in Germany.

This course focuses on Nazi racial ideology, the governmental decrees which were part of the legal process, and on other considerations that entered into the thinking of the Nazi leadership. We will examine from a sociological perspective those elements of Nazi society and ideology which were part of the process leading to mass murder in the concentration camps. This course also looks at life in the concentration camps themselves, and at a wide range of Jewish responses to the treatment they received. Questions of moral and ethical dilemmas confronting not only Jews but also all German citizens are included. A basic background on the rise of the Nazi party is included, as is the question of the lessons to be learned from this historical experience with totalitarianism. The power of the state over the individual and individual responsibility for one's action in any society are examined in detail.

**Evaluation:** Class participation based on reading required books, two oral exams (midterm and final). Numerous TV tapes, films and other visual material will be presented. A short analytical paper is required at end of course.

**Class Limit:** 20

**Class Meetings:** 10:00 - 12:00 MTTh; Assigned film/video viewing, 1:00 - 3:00 MTTh

**First Session:** January 4, PAB 3

**Instructor:** John Weiss

## **SO 326W** The Sociology of Kurt Vonnegut, Jr.

**Prerequisite:** None

This course will examine specific works written by this contemporary author from a sociological perspective. Our analysis will examine many of his works including *Slaughterhouse Five*; *God Bless You, Mr. Rosewater*; *Cat's Cradle*; *Player Piano*; and other popular titles. Vonnegut's concern with the quality of contemporary human experience will be compared and contrasted with the work of the celebrated sociologist/economist, Thorstein Veblen. Veblen, like Vonnegut, was concerned with alienation, the quest for meaning in a bureaucratic environment, the plethora of imbecile institutions, the dangers of technocracy, and the

overwhelming evidence pointing toward the growing reality of a plutocratic society. These and other issues will be analyzed and their impact on contemporary life will be closely examined. Sociodrama and group role-playing will be emphasized.

**Evaluation:** Based on one examination, three reaction essays, three essay critiques, and contributions to class sessions.

**Class Limit:** 12

**Class Meetings:** MTWTh, 1:00 - 4:00

**First Session:** January 4, PAB 1A

**Instructor:** Larry Van Sickle

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## **THEATRE, DANCE & COMMUNICATION**

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### **TA 159W** Theatre Practice

**Prerequisite:** Instructor's consent

A practicum designed to serve the specialized needs of students of theater. The course will involve discussions of the historical development of the various elements of production, to include: Acting, Scenic Design and Construction, Costuming, Lighting, and their relative contribution to the collaborative art of theater. Practical application of theory and principle will occur during laboratory periods with direct participation in preparation and mounting of the winter term production. This course may be repeated three times for credit.

**Evaluation:** Work will be evaluated by using a structured form reviewed by the theater staff each week. The last week of the term involves in-depth evaluation conferences with each student.

**Class Limit:** 25

**Class Meetings:** 9:30 - 12:30 and 1:30 - 4:30 MTWThF;  
10:00 - 12:30 and 1:30 - 4:00 Saturday

**First Session:** January 4, ART Shop

**Instructor:** Amlund Mendez

### **TA 263W** Elements of Film Production

**Prerequisite:** None

The objective of this course is to introduce students initially trained in live stage performance procedures to a simulated camera production environment. As a class project students will adapt or create a short screen play, cast, make technical assignments and shoot the film with video camera. Some basic editing will be done. In addition to the film project, the course will include a short history of film in the US, and a survey of the current economic and production operation of the film industry in this country.

**Evaluation:**

**Class Limit:** 20

**Class Meetings:** 10:00 - 12:00 MTWTh

**First Session:** January 4, ART 103

**Instructor:** Robert O. Juergens



**TA 220W** A History of the Broadway Musical (1900 - Present)

**Prerequisite:** None

The history of the Broadway musical will be analyzed from the year 1900 to today. Focus will be upon recognition of key moments and trends in musical theatre development. Directors, choreographers and performers of each era will be studied.

**Evaluation:** 4 exams (1 per week), 1 research paper on a selected Broadway musical personality

**Class Limit:** 20

**Class Meetings:** 12:00 - 2:00 MTWTh

**First Session:** January 4, Fred Stone Theater

**Instructor:** Robert Sherry and Charles Rodgers

**D 292/392/492W** Intermediate Ballet and Choreography

**Prerequisite:** Ballet I (D 170) or permission

Designed for intermediate students who have successfully completed Ballet I or its equivalent, and who wish not only to consolidate their technical abilities, but also to learn the rudiments of choreography. Appropriate discipline, attitude and attire are required.

All students are expected to participate in both the technique and choreography classes, as well as learn the essentials of performing. Choreography will progress from solo to group forms. May be repeated for credit.

**Evaluation:** Students will be evaluated daily in class on their preparation, attitude, and general presentation. Aptitude for choreography will be judged by the successful completion of assignments.

**Class Limit:** 15

**Class Meetings:** 2:00 - 4:30 MTWTh

**First Session:** January 4, PAB Dance Studio

**Instructor:** Ruth Mesavage

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## **WOMEN'S STUDIES**

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**E/WS 374W** Feminist Drama (V)

(See course description under English)

**PY/WS 320W** Women: Psychology's Challenge

(See course description under Psychology)



The statements published in this bulletin should not be regarded as a contract between Rollins College and the student. The College reserves the right to revise information, regulations, course offerings, academic requirements, financial aid, or fees when deemed necessary or desirable by the administration. Every effort will be made to notify students affected by such changes if they occur. It is the responsibility of the student to keep apprised of all changes.



## **DATES TO REMEMBER**

**OCTOBER 12 - 20**

Registration for Off-Campus Studies

**OCTOBER 26 - 30**

Registration for Winter and Spring Terms

**OCTOBER 30**

Deadline for Submitting  
Independent Study Proposals to Department Heads

**NOVEMBER 6**

Deadline for Submitting  
Independent Study Proposals to the Dean of Faculty

**NOVEMBER 15**

Deadline for Application to  
Engineering Program at Washington University

**JANUARY 4**

Winter Term Begins

**JANUARY 6**

Last Day to Drop or Add a Course

**JANUARY 22**

Last Day to Withdraw Without Penalty

**JANUARY 29**

Winter Term Ends

**FEBRUARY 3**

Spring Term Begins